Architecture Program Report
School of Architecture
University of Hawai‘i at Mānoa
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Part One (I): Section 1- Identity and Self-Assessment

I.1.1 History and Mission

The unique location, natural environment, and diversity of cultures of the Hawaiian Islands provide an extraordinary opportunity to connect East and West in the increasingly important Asia-Pacific region. The University of Hawai‘i attempts to capitalize on the potential of this richly complex yet hospitable place:

*The mission of the University of Hawai‘i system is to provide quality college and university education and training; create knowledge through research and scholarship; provide service through extension, technical assistance, and training; contribute to the cultural heritage of the community; and respond to state needs. The system’s special distinction is found in its Hawaiian, Asian, and Pacific orientation and international leadership role. Core values bind the system together: Hawai‘i’s gracious spirit of aloha; collaboration and respect; academic freedom and intellectual vigor; institutional integrity and service; access, affordability and excellence; active learning and discovery; diversity, fairness and equity; leveraged technology; Hawaiian and Asian-Pacific advantage; innovation and empowerment; accountability and fiscal integrity; and malama‘aina sustainability. Mission statement, University of Hawai‘i System.*

As a land, sea and space grant university, the University of Hawai‘i at Mānoa is dedicated not only to academic and research excellence but also to serving with aloha the local, national and international communities that surround us. Taking as its historic trust the Native Hawaiian values embedded in the concepts of kuleana, ‘ohana, and ahupua’a that serve to remind us of our responsibilities to family, community, and the environment, Mānoa’s hallmark is a culture of community engagement that extends far beyond the classroom to bridge theory and practice, fostering creative and critical thinking, and promoting student’s intellectual growth and success as contributing members of society.

*Central to this mission is faculty dedication to a fertile, engaged, and ethical learning environment characterized by a free exchange of ideas, shared intellectual resources, cutting edge scholarship, and high academic expectations. With its unique geographic location bridging East and West, Mānoa serves as a portal to an exceptional educational experience while striving to improve quality of life in the region through collaborative partnerships that support innovations in education, health care, social development, culture and arts, earth, space, and ocean sciences, sustainable land management, and technological advancement. Mission statement, University of Hawai‘i at Mānoa*

The University of Hawai‘i and the Mānoa campus are committed to advancing higher education in the 21st century by the:

*development of global perspectives and interconnections
*responsible stewardship of land, water and other shared resources
*preservation and celebration of diverse ideas and cultures
*promotion of a spirit of collaboration and respect
*preservation and celebration of Hawai‘i’s unique spirit of aloha
*innovative use and development of practical and efficient technologies
Founded as a land grant College of Agriculture and Mechanic Arts in 1907, UHM is the oldest of the ten campuses that make up the University of Hawai‘i system, and is the major comprehensive campus and the center for research, as well as undergraduate and graduate education. The Mānoa campus is located in a residential area of Honolulu, the capital and most populous city in the state. One-third of the 60,000 students in the entire UH system are enrolled in UHM courses, and 71.8 percent of them attend full time. Women make up 55.7 percent of the student body, and 68.4 percent of the students are undergraduates. The mean age of the student body is 25 years. The campus offers 58 undergraduate and graduate certificates, bachelor’s degrees in 90 fields, master’s degrees in 84, and doctorates in 51. These include the first professional degrees in architecture, law and medicine.

Architectural education at the University of Hawai‘i began in 1946 with a Pre-Architecture Program offered in the College of Applied Science. In 1965, Pre-Architecture was changed to a four-year B.A. in Pre-Architecture. In 1967, the Department of Art became the Department of Art and Architecture, and the B.A. was replaced by a B.F.A. in Environmental Design.

In 1969, a new Department of Architecture was formed within the Colleges of Arts and Sciences. A Master of Architecture Program was approved in 1971 and received initial accreditation by the National Architectural Accrediting Board (NAAB) in 1972.

The Department of Architecture was reorganized in 1976 and a professional Bachelor of Architecture (B.Arch.) degree was developed. The program was accredited by the NAAB in 1978, and in 1980, the School conferred the first B.Arch. degree.

The School of Architecture was established in 1980. The School’s present building was completed in 1994. In 1996, the School received full-term NAAB reaccreditation for both its existing B.Arch. first professional degree and its M.Arch. first professional degree.

In 1999, the University of Hawai‘i at Mānoa proposed the Architecture Doctorate degree. In 2004 the National Architectural Accrediting Board recognized the Doctorate of Architecture degree as a professional architecture degree, and made the School’s accreditation retroactive to January 1, 2001 to be concurrent with the terms of accreditation for our Bachelor/Master of Architecture programs. In order to be in accordance with the 2004 NAAB Conditions of Accreditation, the title “Architectural Doctorate” (Arch.D.) was changed to conform to the NAAB professional degree title of “Doctor of Architecture” (D.Arch.) in Fall, 2007. With the addition of the D.Arch., the B.Arch. degree was phased out in 2007 and M.Arch. degree terminated in 2005, with the last student graduating in 2008.

In 2011, effective Fall 2012, the D.Arch. degree had a nomenclature change. The seven year degree split into a 4 year, 126 credit pre-professional degree and a 90 credit professional degree. There are currently 218 undergraduate students and 156 graduate students enrolled in the seven year program.

The UHM School of Architecture is first and foremost a flagship professional school within the U.H. system, providing the opportunity for a student to earn an professional degree in the field of architecture. The only U.S. school of architecture in the middle of the Pacific region, it has been actively and directly engaged in the life and mission of the Mānoa campus by participating in a number of design/research/outreach efforts on campus and in the community. As a result of School initiatives, a faculty member has been assigned as the Interim Assistant Vice-Chancellor for Facilities and Campus Planning. The Environmental Research and Design Lab, the Construction Process Innovation Lab, the
Heritage Center, and the Downtown Studio not only support the teaching and research mission of the School, but are active and valuable resources for the institution and the community.

The University of Hawai‘i is one of the most culturally diverse universities in the United States, and the student body and faculty within the School reflect that diversity. The University is a Carnegie RU/VH research institution and the only National Resource Center for Pacific Island Studies and one of only nine National Resource Centers for Southeast Asian Studies. This status provides opportunities for pursuing funded research unique to the region, and facilities on campus provide an exceptional level of support for many of the research and study areas the School has chosen to pursue. The Asia Collection at Hamilton Library at the Mānoa campus is recognized as one of the nation’s best, and the Hawai‘inuakea School of Hawaiian Knowledge is the only one of its kind. The extensive opportunities for interdisciplinary collaboration in coursework and research, the availability of a wide range of scholarly and research options on campus, the proximity of the East-West Center and the surrounding Honolulu community, all support the mission, goals and programs of the School. Several Architecture courses are cross-listed with other units, including Urban and Regional Planning, Engineering, and American Studies, and the School is proud of the distinguished affiliate faculty members from other disciplines including Business, Social Sciences and Urban Planning.

Curricular changes made in 2007/08 to the program were designed to better respond to the needs of 21st century education and to attract and retain the best possible students for the program. As noted previously, the seven-year D.Arch. was separated into an accredited prep-professional BA IS (Environmental Design) program and a NAAB professionally accredited Doctor of Architecture. A student in the final year of the BA IS (Environmental Design) may elect to use the pre-professional undergraduate degree as a terminal degree or as the basis for pursuing graduate work in a related field, or apply to the UHM NAAB-accredited 90 semester-hour D.Arch. professionally accredited degree program. Applicants for the D.Arch. with a baccalaureate degree other than a pre-professional program are required to complete an additional 18 semester credits (108 total) of professional courses. All applicants to the D.Arch. program are reviewed individually for acceptance and placement. Credit for coursework/NAAB SPC’s previously satisfied will be noted in their official record upon acceptance and review.

The new dual-degree program with Tongji University in China is a strong addition to the exchange/study abroad offerings within the School, and furthers the mission of UH and the School of bridging between East and West, expanding student opportunities, and increasing regional engagement.

I.1.2. Learning Culture and Social Equity

The School is very fortunate in its geographic, academic, and cultural situation, which has resulted in a uniquely diverse student body and faculty (see Section 1.3.1), as well as exceptionally broad and interesting opportunities for academic investigation, research and design. The mixture of Hawaiian, Pacific and Asian culture has produced a unique School and studio culture that is supportive, communal, inclusive and open. Studios are open to students 24/7. The written Studio Culture Policy, available on the School website, reinforces the University and School values of respect, sharing, engagement, and innovation, and is designed to foster and encourage healthful work habits in a safe and open environment.

Major program policies, goals, and curriculum changes have been developed through an inclusive process involving faculty, students, administration and staff. The AIAS Chapter is active, and communicates both formally and informally with the faculty and administration. Student body surveys and regular all-School meetings, as well as bi-weekly faculty meetings, have been useful in transitioning through changes of program and nomenclature. The Dean holds an informal “talk story” session with
students once a month to discuss student concerns and solicit suggestions, and maintains an “open door” policy for both students and faculty. The Professional Program Director and the Undergraduate Director provide both group and individual counseling sessions for students. This inclusive yet personal process is designed to create an overall atmosphere of optimism, respect, sharing, and engagement, as well as to generate innovative teaching and learning through collaborative effort. Students are given the opportunity to develop these essential skills by actively participating with the faculty and the larger community throughout the process, just as they learn to do in the design studio.

The University and the School clearly recognize the value of the extremely diverse and culturally rich environment inherent in the location and student population. Enrollment statistics and published institutional policies demonstrate that each person in the University and the School has an opportunity to participate fully in the educational environment, regardless of race, ethnicity, creed, national origin, gender, age, physical ability, sexual orientation, or disability. The School is evolving its educational mission and research efforts to take full advantage of the unique opportunities that result from this diversity. In addition, recent revisions to the D.Arch. program are designed to attract applicants with pre-architecture and non-architecture undergraduate degrees from other institutions, adding further diversity and perspective to the educational experience. The KOKUA Program is the UHM office for students with disabilities. It facilitates equal access by students with learning, physical, psychiatric and other documented disabilities in the spirit of “aloha” and respect.

I.1.3 Response to the Five Perspectives

A. Academic Community

The School has integrated teaching, scholarship, interdisciplinary learning/research, community engagement, and service into the program in ways that make unique and valuable contributions to UHM. The D.Arch. program encourages engagement with the entire UHM community, provides opportunities for interdisciplinary research and cooperation throughout the professional curriculum. The capstone D.Arch. project requires a diverse committee of university wide faculty and community members. The School of Architecture Research Centers provide coursework and funded research positions for many professional program students. The Environmental Control Lab has undertaken evaluation of the classroom spaces and energy audit throughout the campus; the Design Futures Lab has participated in Long Range planning for the University, and the Heritage Center researched and prepared the Getty funded Campus Heritage Plan for the Chancellor’s Office and designed the HUD funded Ka Papa loi o Kanewai Community Center for the School of Hawaiian Knowledge. The School has been selected to host the Architectural Research Centers Consortium (ARCC) and European Association of Architectural Education (EAAE) International Conference in 2014.

The UHM campus undertook a Strategic Hiring Initiative in Spring 2011 with a pilot focused on two campus priorities - Sustainability and Native Hawaiian initiatives. The Sustainable cluster containing Architecture, “Integrating Marine Science, Economics, Engineering, Design and Policy for Sustainable Coastal Communities”, was selected to be funded from a total field of 19 proposals. The proposal includes hiring five faculty members, one in each of the following areas: coastal civil engineering, coastal policy and community development (urban planning), environmental economics, microbial oceanography/biogeochemistry and sustainable building/community design (architecture) – all with partial (.25 FTE) appointments in Sea Grant. The innovative program will integrate the hires into a single team to promote interdisciplinary teaching and research opportunities.
B. Students

The rich cultural diversity of the faculty and student body, the emphasis on bridging between Asia and the West, the close ties with institutions in Korea and China, and the curricular structure of the program itself directly address the current global context. The structure of the professional curriculum, including the requirement for an individual doctorate project, the Professional Studio semester, the Professional Practice courses, and the emphasis on research methods throughout the curriculum, is designed to develop the ability to make informed choices, provide the tools to engage in lifelong learning, and prepare students for leadership in the academic, professional, local and global communities.

The student body participates in many initiatives, projects and events with an emphasis on leadership and professional growth. Relationships are drawn together among students, the profession and the greater community. Opportunities bridge organizational divides such as; AIAS Sandcastle Esquisse (faculty/students/profession), Pumpkin Esquisse (faculty/students/community), Treat Street with the Bishop Museum (students/community), Gingerbread Esquisse (faculty/students), Wednesday Workshop + Lecture Series (faculty/students/profession), Career Fair (students/profession), Friday Lunch + Learns (faculty/students), Food Drive with Hawaii Food Bank (students/community), Coffee Club (students/SoA visitors) and all-school design charettes (students/faculty/profession).

These relationships and opportunities allow students to develop their design skills, make informed choices, become lifelong learners and build connections to provide them successful traits so they can continually progress into the future. It is the goal of our students to make a positive impact both inside and outside of our school.

Much student-driven leadership and collaboration efforts have earned awards and/or global recognition. Notable recognitions include: President's Volunteer Service Award for the Spring 2011 ARCH 490 Design/Build team (The student team coordinated and served over 2000+ volunteer hours to complete Tutu’s Hale Bunkhouse for the local non-profit client Ho‘oulu ‘Aina deep in Kalihi Valley); top 3 finisher in the 2011 AECOM International Urban SOS out of 200 teams from 65 countries (presented their work in London November 2011); a doctorate thesis accepted for the 2012 CAADRIA (Computer Aided Architecture Design Research in Asia) Conference to be held in Chennai, India, and also received the 2012 Young CAADRIA Award; three student attendees to the 2011 AIA NWPR Leadership Institute (event covered by Design Intelligence) titles "Toward a Collaborative Future"; 1st Place in the 2011 AIGA (Re)design Contest (UH Mānoa Design Worship Team who created an identity system for the UH School of Architecture); a student R&D project published in the 2011 Perkins+Will Research Journal Vol. 03.02.; and students in the Heritage Center received the "Native Hawaiian Next Generation Leadership Award in 2010.

C. Regulatory Environment

The professional D.Arch. program curriculum has been designed to include the knowledge and skill areas required to proceed from internship to licensure, including each area of expertise. The Professional Practice course and the Professional Studio included in the professional program specifically address the IDP, including application procedures. In addition to the ethical and regulatory issues important to a successful practice, students are required to register with the IDP before enrolling in the Professional Studio. The Professional Studio must be undertaken under the supervision of a professional to earn IDP credit.
D. Profession

The School has developed close ties with local professionals in architecture and related disciplines. The Director of the Professional Program was the President of AIA-Honolulu in 2011. Another faculty was elected as the AIA-Honolulu Associate Director and now serves on the Board since gaining registration. Both international and local practitioners serve as visiting and adjunct professors. The twelve-credit Professional Studio is tailored to the specific research needs of each student. The projects/firms are carefully screened, and the program is structured and monitored to provide a scholarly and research-oriented perspective of the profession, and an introduction to the realities of practice within an internationally recognized professional firm.

E. Public Good

The School is committed to “passionate and engaging community participation through teaching, learning, research, professional practice and service.” Within the classroom, students engage and serve through community based design studios, research and service. Community based design studios occur both in the Community Design Studio and as part of the normal studio culture. Research focusing on the issues which serve the public are strongly expressed within a high percentage of D. Arch. projects. The AIAS and student leaders actively serve the public through working with neighborhoods, schools and non-profit organizations. Recent projects with Chinatown and Kalani High School demonstrate this commitment. Faculty serve throughout the State on boards and service organizations. Numerous faculty are engaged in research and creative activities which engage our larger community. Their work includes the broad areas of cultural, environmental, social and visual. Research and community-focused programs, including those mentioned in A. above, provide a broad range of opportunities for students to apply their skills and knowledge to the public within the D. Arch. program.

I.1.4 Long Range Planning

The 2010-2014 Strategic Plan of the School of Architecture (available in the Team room) reflects the School’s commitment to meet the challenges of architectural education in the 21st century, and includes the vision, mission statement, core values and goals as developed by the faculty, student body and administration in an inclusive and extensive goal-setting effort:

Vision: Global Connections

*The School of Architecture inspires transformative design at the global scale with pre-eminence in the Asia-Pacific region.*

Mission: Building for the 21st Century

*The School of Architecture responds to our unique location in the Asia-Pacific region and recognizes the privilege and responsibility to address cultural, environmental, and social diversity. We commit to passionate and engaging community participation through teaching, learning, research, professional practice, and service.*

Core Values & Guiding Principles

*Knowledge, creativity, passion, environment, respect and community.*
Goals

**Strategic Goal 1:** Integrate Asia-Pacific throughout the School of Architecture.

**Strategic Goal 2:** The School of Architecture will be a recognized leader on campus, in the State and regionally, on issues of sustainability and environment design.

The curricular program was revised in Spring 2008 to accommodate a 4+3 structure required by the NAAB Conditions. This divided the curriculum into four years of 126 undergraduate credits and 90 graduate credits with the majority of the professional program in the three year graduate/professional program. Current long-range curriculum planning concerns the pedagogy of the four-year degree as a uniquely identifiable pre-professional degree.

The latest Strategic Plan for the program resulted from a self-assessment of the program facilitated by CommUnity Works, LLC during January and February of 2010. This Strategic Plan was arrived at with input from students, alumni, faculty, staff and administration. The Dean, staff and faculty, along with student representatives also meet in a retreat setting before each school year to establish goals and initiatives for the coming year, to assign planning and implementation tasks, and to review policies and coming events. Faculty/student committees aligned with the five perspectives deal with ongoing, long-range and exceptional challenges.

A. Academic Community

The Strategic Plan for the D.Arch. curriculum emphasizes a strengthening of the Asia-Pacific focus and greater development of initiatives in sustainability and environmental design. These goals reflect a direct alignment with the opportunities and aspirations of UHM. The School expects that development of the pre-professional program will result in a broader spectrum of students interested in all the design professions which will improve the breadth and depth of the students that matriculate into the D.Arch. program.

B. Students

The goals of the Strategic Plan, the revised curriculum including Professional Practice and Professional Studio courses, the emphasis on research, strong ties with programs in Asia, all reinforce the natural diversity and global perspective of the campus and region, and are intended to foster the ability to make informed choices based on the habit of lifelong learning in a global society.

C. Regulatory Environment

The professional degree curriculum includes a semester of Professional Practice emphasizing the importance of ethical and regulatory issues. The importance of being aware of the implications of international, national and state regulatory environments is reflected in the emphasis on global and Asia-Pacific practice in the Strategic Plan.
D. Profession

The Strategic Plan and D.Arch. curriculum both emphasize the important role of the profession in the global context, and of the design program of School in the region. Increased focus on the impact of design on the Asia-Pacific region, an emphasis on sustainability, opportunities for interdisciplinary doctorate projects, and the integration of research methods throughout the curriculum are all well-aligned with the trends of the profession.

E. Public Good

The mission of UHM and the School directly state the need for education to address environmental, social and economic challenges, and the revised professional program addresses these issues at every level. The Strategic Plan states as a goal that the School “will be a recognized leader on campus, in the State and regionally, on issues of sustainability and environment design”.

I. 1.5. Self Assessment Procedures

Annual retreats and regular faculty meetings, chaired by the Dean with student representatives present, review progress toward program goals, and report on successes and challenges. The Dean’s Office provides the faculty and the various committees with data including exam pass rates, graduate placement statistics, student competition results, alumni successes, and so forth. The Dean, Directors and appropriate faculty and staff regularly attend US and Asian academic conferences and administrative meetings to stay abreast of challenges and opportunities for program improvement. Practicum faculty and an Advisory Council of local, regional and international professionals consult often with the Dean and faculty. The Dean schedules regular “talk story” sessions with students, students complete individual evaluations for every course, and a studio post–mortem is held by the faculty at the end of every semester. All architecture classes are suspended at the end of the semester so students, faculty and guests can attend the reviews. The public studio reviews, shine a light on progress and accomplishments over the semester. To meet brevity guidelines, a more complete list and description of self-assessment procedures, policies and objectives is included in Section I.2.2, II.2.3, and the Team Room.

A. Academic Community

The School has made substantial progress in discovering and integrating an Asia–Pacific focus throughout the curriculum, and by research efforts like those of the Heritage Center. The Environmental Design and Research Lab recently completed several campus and community sustainability studies, and has been actively involved in campus planning. Several courses in the professional curriculum have been revised to better address sustainability, interdisciplinary and collaborative projects have been encouraged, and research efforts and pedagogical refinements are continuing. The D.Arch. curriculum encourages interdisciplinary studies and doctorate projects involving UHM and the community.

B. Students

The structure of the 4+3 in Fall 2008, concentrated most of the professional and research-oriented courses at the graduate level. One benefit of this adjustment is that the professional program becomes more accessible to students who hold a pre-professional degree from outside the School, as well as to those with previous experience and education outside of the discipline of architecture.
C. Regulatory Environment
The program provides a screening portfolio review opportunity prior to acceptance to the D.Arch., as well as the ability to integrate students from other institutions/fields of study into the program. See ARE Pass Rates in Appendix 6.

D. Profession
Real-world projects on campus and in the community, as well as entries in selected student competitions, emphasize the importance of design in practice. The collaborative aspects of many of the research projects undertaken by the School reflect the reality of modern practice. Integration of both local and global practitioners into the faculty provides day-by-day feedback on program relevance, as well as participation in self-assessment procedures. A graduate population drawn from diverse backgrounds, both pre-professional and non-professional, results in even interdisciplinary and collaborative professional opportunities.

E. Public Good
The School has long participated in community-oriented projects, and is actively involved in campus master planning and energy audits for UHM. The efforts of the Downtown Studio, the Environmental Design and Research Laboratory, the Construction Process Innovation Laboratory and the Heritage Center have been very well received, and student awareness of their responsibilities to the greater community, as well as to individual clients, is evident.

PART ONE (I): Section 2 – Resources
I.2.1. Human Resources & Human Resource Development

Faculty and Staff
The School offers a diverse and outstanding faculty with substantial professional practice experience. The School is currently assigned 15 FTE faculty positions plus the Dean's position. Since the previous accreditation visit the Associate Dean's position has been lost to the University. To make up for that loss, two faculty were moved to eleven month appointments to assume the positions of Professional Program Director and Undergraduate Director. One additional full-time temporary faculty FTE has been added through using tuition funds and an additional .75 FTE tenure track position will be added Fall, 2012 as part of "Cluster Hire" supporting the Chancellor's initiative to develop excellence within the area of sustainability on the UHM campus. Because of retirements and a freeze on hiring from 2009-2010, the School is currently searching for faculty with the expectation of filling 5 of the 15 FTE with tenure-track faculty by Fall, 2012. The School currently has 16 full-time faculty members, 1 visiting faculty member and 12 lecturers. In addition, over thirty distinguished professionals from firms in the US, China, Taiwan, Korea, Japan and Malaysia serve as Practicum faculty.

The faculty also includes distinguished adjunct and affiliate faculty from related disciplines at the University, as well as internationally known professionals and specialists around the world, who are readily available to students through state of the art digital communication technology.
The staff includes six permanent positions funded through General Funds. These include an Administrative Officer, a Director of Digital Media and IT, an Assistant to the Dean, a Director of Student Services, and a School Secretary. Other authorized full time positions using Tuition/Outreach funds include a Fabrication Workshop Supervisor and Special Programs Director. The School has part-time and/or temporary positions to assist with Student Services (two full time), Advisory Council coordination (10 hrs/wk), digital communications (full time), public relations (20 hrs/wk) and graphic design (20 hrs/wk).

The School employs 16 students (20 hrs/wk max) to assist in Student Services, Digital Fabrication/Shop and within Information Technology. In addition, the School currently employs 14 students (20 hrs/wk max) to assist faculty within the School with their teaching and/or research responsibilities.

Faculty Matrix
See Appendix 1.

Faculty Resumes
See Appendix 2.

University EEO/AA Policy for Faculty, Staff and Students
The School of Architecture follows the policies of UHM. It is the policy of the University to provide equity of opportunity in higher education, both in the educational mission and as an employer. The University is committed to comply with all State and Federal statutes, rules, and regulations which prohibit discrimination. The University is committed to a policy of nondiscrimination on the basis of race, sex, gender identity and expression, age, religion, color, national origin, ancestry, citizenship, disability, genetic information, marital status, breastfeeding, income assignment for child support, arrest and court record (except as permissible under State law), sexual orientation, national guard absence, or status as a covered veteran.

This policy covers admission and access to, and participation, treatment and employment in the University’s programs and activities. Discriminatory harassment, including sexual harassment, is prohibited under this policy. The University shall promote a full realization of equal opportunity through a positive, continuing program of nondiscrimination and affirmative action (41 CFR Chapter 60) on each campus.

The EEO/AA Office offers an interactive web-based course for all faculty, students and staff of the UH System. The self-paced program takes about 60 minutes to complete and provides a convenient opportunity to learn about sexual harassment and how to prevent it. The full text of the policy is in the Team Room.

Diversity Initiatives on Campus
The Office of Multicultural Student Services (OMSS) is a part of the Student Equity, Excellence, and Diversity (SEED) program, under the Office of Student Affairs at the University of Hawai‘i at Mānoa. OMSS focuses on outreach activities by encouraging individuals from under-represented groups and underserved communities to seek higher education, providing university students opportunities to experience Hawaii's multicultural contexts, conducting activities promoting cross-cultural understanding and social justice, and promoting the development of and provide a clearinghouse for information and resources related to Hawaii's multiethnic groups.
The Diversity and Equity Initiative (DEI) has served the University of Hawai‘i campuses for more than a decade, implementing a University strategic goal that honors and respects the differences and contributions of its students, faculty, staff and administration. Projects funded by the Diversity and Equity Initiative address issues on ethnicity, race, gender, sexual orientation, disabilities and culture.

Promoting campus diversity and a climate of inclusiveness, diversity initiatives have been applied toward teaching, research, performance, trainings, workshops, visiting speakers, and through outreach and recruitment activities. Working with a review committee from the UH system, applications for the initiative is administrated by the Office of Student Equity Excellence and Diversity (SEED).

The Office of Multicultural Student Services (OMSS) is a part of the Student Equity, Excellence, and Diversity (SEED) program, under the Office of Student Affairs at the University of Hawai‘i at Mānoa. OMSS focuses on outreach activities by encouraging individuals from under-represented groups and underserved communities to seek higher education, providing university students opportunities to experience Hawaii’s multicultural contexts, conducting activities promoting cross-cultural understanding and social justice, and promoting the development of and provide a clearinghouse for information and resources related to Hawaii’s multi-ethnic groups. The full text of the policy is in Team Room.

Faculty Workload

The Faculty Workload Policy and reporting system was developed by the School of Architecture Faculty Senate and is included in the Team Room.

The School of Architecture Workload Policy for Tenured/Tenure Track faculty stipulates that a normal load is one (6 or 4 credit) studio per semester plus a 3 credit lecture course alternating with a 3 credit elective course the following semester. In addition, each faculty member is expected to serve as advisor for 3 to 5 Doctorate Project students per semester. Faculty not teaching studio teach one additional course every third semester.

Faculty members are obligated to complete peer-evaluated research, scholarship and/or creative professional activities, and to perform SoA, UHM or other professional service as part of their contract. The full text of the policy is in the Team Room.

IDP Coordinator

Associate Professor Homer Williams, past national president of the NCARB, is the IDP Coordinator for the program, and regularly attends meetings of the NCARB. In addition, Professor Williams completed the latest version of the IDP Coordinator training in the summer of 2011, teaches the Professional Practice course, and holds special IDP workshops.

Faculty Development and Resources

In addition to tenured/tenure track educators, the UMH faculty includes several full-time faculty who are not tenured or tenure track plus a number of practicing professionals who serve as adjuncts and practicum faculty. This balance of career educators and full-time practitioners keeps the program up-to-date with current practices and the requirements for licensure. In addition, many of the full-time tenured/tenure track faculty maintain active design practices in the Pacific region, or are active in other areas of scholarship. The Dean has encouraged faculty members to attend continuing education seminars and courses related to their assignments. He has made funds available to support attendance
and participation. Application for prestigious grant programs like the Fulbright are encouraged, and the Dean’s office makes up any difference between the grant amount and the faculty member’s normal salary. The School is in the process of setting up the Elmer Botsai Professional Practice and Research Award Endowment Fund program. This fund was established by the U.H. Foundation in the name of Elmer E. Botsai, FAIA, Professor Emeritus, who served as founding dean of the School from 1980 to 1990. The AIA Hawai‘i Fellows group has pledged almost $40,000 as a matching gift.

The UHM Office of Research Services (ORS) provides excellent training and assistance to faculty seeking government or agency grants. In February 2012, the myGrant application system was placed in effect to further simplify the submission process.

**Faculty Development Opportunities**

Sabbatical leaves with pay are available to tenured faculty members after 6 years of service, and study leaves with pay are available to full-time faculty members with over 5 years of service. Leaves without pay for professional improvement or personal reasons are normally granted as requested. The full text of the UHM policy is available in the team room. Since the last visit, there have been four faculty sabbaticals awarded, and a number of funded faculty trips to attend conferences or meetings throughout the world. The current policy is that all faculty requests to travel that is related to their teaching, research or service assignments are reviewed by the Dean's Office and are granted if consistent with the faculty member's area of interest and development. Faculty members are encouraged to participate in all opportunities to present papers, to develop new skills and knowledge, or to attend professional meetings. The policy is for the School to pay the expenses associated with this participation. Faculty are encouraged to apply for additional funding through the University and other sources if available.

**Annual Budget for Faculty Travel for Scholarship**

The annual budgeted amount per faculty member is $5000. Not all faculty members take advantage of this opportunity every year, so funds for special travel awards (to receive a design award, to serve on a national committee, etc.) have always been available.

**Faculty Travel to attend workshops, conferences, etc. (airfare, lodging and per diem)**

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. and International Travel Trips</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2007</td>
<td>14 U.S. and 5 international travel trips</td>
</tr>
<tr>
<td>FY 2008</td>
<td>26 U.S. and 5 international travel trips</td>
</tr>
<tr>
<td>FY 2009</td>
<td>23 U.S. and 10 international travel trips</td>
</tr>
<tr>
<td>FY 2010</td>
<td>4 U.S. and 6 international travel trips</td>
</tr>
<tr>
<td>FY 2011</td>
<td>10 U.S. and 8 international travel trips</td>
</tr>
</tbody>
</table>

**Appointments, Promotion and Tenure**

For new full-time positions, a Faculty Search Committee, together with the Dean, formulates position descriptions, determines suitable advertising venues, and reviews all applicants. After review and ranking of all applicants, the Committee presents a short list of candidates recommended for on-campus interviews to the Dean. Following on-campus interviews and faculty and student comment, the Search Committee forwards final recommendations to the Dean, who makes the final decision.
An elected Faculty Personnel Committee is charged with recommending faculty members to the Dean contract renewal, promotion, tenure, or promotion and tenure. Full-time tenure track faculty members are members of the University of Hawai‘i Professional Assembly (UHPA), which represents faculty and negotiates salary ranges with the State. The School and University criteria and policies for promotion and tenure will be posted in the Team Room.

Visiting Lecturers, Critics and Exhibits

2008
Homer Williams, Richard Hassel, Mun Summ Wong, Peter Sigrist, Lori Ryker, Michael Everts, William Massie, Hyun-Sik Minn, Yungho Change, Donald Carlson

2009
Byoung Soo Cho, Chris Johnson, Helena Arahuete/Wallace Cunningham/Eric Lloyd Wright, Luis Longhi, Hiroaki Takai, Per Olaf Fjeld, Ed Weinstein, Ian Chin, Alexander Eisenschmidt, Kazi Ashraf, Charles Davis, Peter Pfeiffer

2010

2011
Greg Sant, William Lecky, Gordon Gill, Henry Sorenson, Mary Grow, James Cutler, Brian Sinclair, Panama Bartholomy, Gregory Kiss, George Loisos, Tony Ciochetti, Klaus Mayer

2012
Jason Pomeroy

Students

Admissions Policies and Procedures

The School of Architecture is transitioning from the professional continuous seven-year D.Arch. program, entered during the first year of University studies, to the professional three/three-and-a-half year D.Arch. program. The School of Architecture Admissions Committee is comprised of three faculty members and one professional/alumni member to review all applicants to the professional D.Arch. program. There are two possible entry tracks to the professional program: students with a pre-professional bachelor’s degree in architecture or environmental design, such as that offered in the School of Architecture, and students with a bachelor’s degree that is a non-pre-professional degree.

All new applicants for the professional D.Arch. degree submit an online application to the University of Hawai‘i Mānoa. This application requires transcripts, and TOEFL (for international students) and degree verification. In addition the School requires a direct submittal of supplemental materials of portfolio, letters of recommendation, and philosophy statement. These submittals are reviewed first by the Committee and then by the Director of Professional Programs. Beginning in the 2012 Fall semester, the online application will be submitted directly to the School. The Committee for professional program admissions, headed by the SOA Director of Professional Programs, selects the most qualified students for admission to the program, with due consideration given to the EEO/AA criteria of UHM. Undergraduate students in the pre-professional program will continue to apply for open admissions at the freshman level or as
transfer students by portfolio and coursework for placement in the undergraduate pre-professional program.

The Director of Professional Programs reviews all accepted candidates for compliance with the Student Performance Criteria (SPC) expected to be achieved within a pre-professional degree as well as required undergraduate coursework. Students who do not have evidence of specific SPC in their portfolio must take additional coursework in the Fall and/or Spring Semester. Students are advised of this requirement in their acceptance letters.

Students currently enrolled in the previous seven-year D.Arch. program must pass a portfolio review to continue into the D.Arch. professional program. This portfolio review has been in place since 2000. Three submittals are allowed for this portfolio review and the Director of Undergraduate Programs counsels all non-pass students. The seven-year D.Arch. is no longer accepting applicants, and all students currently enrolled in that program must have successfully completed the program by 2018.

**Advising**

The Director of Professional Programs and the Director of Practicum both participate in assigning students to Professional Studio and exchange programs, while the Dean and Directors assist assigned faculty members with personal, career and placement advising.

Every student in the D.Arch. program selects a D.Arch. chair at the end of the first year, to discuss career goals and placement opportunities. Curricular advising is done by the Director of Professional Programs. Each candidate selects a full time School of Architecture faculty member to be the Chair of his or her D.Arch. Committee. One additional member is chosen from the University at large, and one committee member from the community. Additional members may serve on the Committee.

**Special Program Requirements and Fees**

D.Arch. students must maintain a minimum cumulative GPA of 3.0 and make reasonable academic progress. Students whose cumulative GPA falls below 3.0 are placed on academic probation following University procedures for graduate programs. Students who enter the program with an undergraduate GPA of less than 3.0 are admitted on probationary status. Upon completion of the probationary semester if the cumulative GPA is not raised to 3.0, the student is dismissed or suspended from the program per University requirements.

All students are required to have their own personal computer for completion of required coursework. A laptop computer is strongly recommended. Software may be required to be purchased by students for the successful completion of courses and to use the school's advanced graphic and digital fabrication equipment. Students are assessed a professional fee each semester at the time tuition is paid. The professional fee for the 2012-2013 academic year is $500 per semester.

**Other Student Learning Opportunities and Activities**

Students in the School are provided many opportunities to participate in extraordinary learning experiences and professional activities, both on and off campus. These include:

The Environmental Research and Design Laboratory, an inter-disciplinary research laboratory located in the School of Architecture, was formed to advance sustainable design through research, education, and community outreach, with the aim of improving the dynamic interaction among the built, natural, and human environments. The laboratory not only directly supports the teaching mission of the School, but regularly provides exceptional research and design assistance to the University, the local community, the
State of Hawai‘i, and the greater professional community. The Lab has undertaken evaluation of the classroom space and energy audit throughout the campus and the Design Futures Lab has participated in Long Range planning for the University.

The Construction Process Innovation Lab in the School of Architecture creates and disseminates new knowledge in architectural materials, methods, and structures, such to increase value, safety, structural and energy efficiency, and aesthetic/functional quality. The Lab undertakes basic and applied research focused on serving the School, University, and the Asia Pacific region, and gives emphasis to affordable housing in tropical environments. The Lab has continued interdisciplinary research into molded FRC panelized housing systems and Prefabricated Tropical House Construction, as well as preparing interdisciplinary grant proposals for research into Intelligent Kinetic Skins for Tropical Structures.

The Heritage Center of the School of Architecture promotes the preservation of cultural and architectural heritage in Hawai‘i and the Asia-Pacific Region by providing expertise, research, documentation, and training opportunities; by disseminating heritage information to the general public; and by increasing interaction and cooperation on heritage issues within the Asia-Pacific area between government agencies, non-profits & the general public. The Heritage Center wrote the Getty funded Campus Heritage Plan for the Chancellor’s office and designed the HUD funded Ka Papa loi o Kanewai Community Center for the School of Hawaiian Knowledge.

The Community Design Studio of the School of Architecture has provided an active and visible connection between the academy and the community, fulfilling the role of bridging theory and practice, and of service to society. The School is committed to further develop the CDS through procuring and developing a larger, more public and student oriented facility located in central Honolulu.

Professional Studio Program: The long-standing and extensive Professional Studio includes Practicum, Alternative Experience and Community Design options for a one semester long integration in a professional practice experience. Students earn IDP credits while on this Professional Studio semester.

Both the Practicum program network and public lecture series bring the influence of internationally recognized practitioners to the campus. Connections with the local architectural community are excellent, and have resulted in strong support for the program and the University as a whole. The Director of Professional Programs was the AIA/Honolulu President in 2011.

The Seoul Studio exchange program is regularly facilitated and directed by international award-winning Korean architect Byoung Soo Cho.

The Tongji/UHM Dual Degree Program is a new track, and a subset of the 90 credit program, open to qualified students with an approved pre-professional degree. It will allow students from both institutions to simultaneously earn both a Master of Architecture degree from Tongji and a Doctor of Architecture from UHM.

The School’s students have various other international study options. Other established study abroad options include the Architecture and Design Program at the Danish Institute for Study Abroad in Copenhagen, and architecture programs at the Chulalongkorn University in Bangkok, Thailand, National University of Singapore, University of Technology in Sydney, Australia, Deakin University in Geelong Victoria, Australia, Monash University in Victoria, Australia, and Victoria University of Wellington in New Zealand.

The Alternative Campus of the Future Research Group has been established since August 2008. Students and faculty affiliated with the Hawaii Research Center for Futures Studies, and students and faculty affiliated with the School of Architecture of the University of Hawai‘i at Mānoa have been engaged in a project called "Campuses 2060". The project explores the history, present situation, and alternative
futures of institutions of higher education worldwide according to the overall “future” these institutions find themselves in, and the specific mission, participants, resources, pedagogy, and physical campus that they develop in response to each future. There have been three public presentations of their ongoing work so far. While the initial focus has been on the University of Hawai‘i at Mānoa, it is the intention of the project, still ongoing, to become a global resource for ideas and information about the futures of higher education anywhere.

Recent Class and Student Organization Trips

2008
Student trips to Japan and Europe

2009
Student trips to Peru, Korea, Anchorage and American Samoa

2010
Student trips to Los Angeles, Portland and Korea

2011
Student trips to London, Florida, Seattle and Malaysia

Since the last visit, UHM students have been provided with funds to attend the AIAS Student Leadership Forum twice, the Solar Decathlon show, the Gwangju Design Biennale, the AECOM Student Design Competition and the World Conference for Sustainable Futures. Student representatives have also been funded to participate in the NWPAIA Leadership Forum.

Student Organizations

The student AIAS Chapter is very active in the School, providing services and counseling to students, organizing and sponsoring a series of workshops, actively participating in the governance of the School, and organizing cultural, professional and entertainment events, including welcoming barbecues, after lecture socials, the annual Halloween “Treat Street”, the Desk Design project, and the Sandcastle Competition. The officers of the AIAS are given the opportunity to attend the national AIAS meeting every year, and have attended the last two annual meetings.

Student Scholarships and Awards

The number of scholarships varies somewhat from year to year depending on the donors, some of whom do not offer their awards on a yearly basis, but awards have been increasing in number and amount since the last visit. The screening of scholarship applications is based primarily on the quality of the written proposals and the degree to which the proposal aligns with the purpose of the scholarship. The strength of the applicant's portfolio, the applicant's academic history and financial need are also carefully considered. Recurring scholarships include:

HONOLULU BLUEPRINT AND SUPPLIES GRANT - Funds may be used either for costs associated with attendance (tuition, books, fees, etc.), or to conduct out-of-state studies and/or research.

CONSTRUCTION SPECIFICATIONS INSTITUTE SCHOLARSHIP FUND - The purpose of this fund is to assist students with travel, research expenses or other costs to support in the research of technology as applied to the built environment.
DONALD G. DEER MEMORIAL SCHOLARSHIP FUND - The purpose of this fund is to emphasize and reward students with potential for future achievement as well as personal qualities of empathy, intellectual curiosity, integrity, motivation, and interpersonal communication skills as demonstrated through a record of community service and volunteerism. Hawai‘i resident, upper level student.

ALLEN R. JOHNSON – ROY C. KELLEY ARCHITECTURAL TRAVEL FUND - The purpose of the award is to encourage and assist students to conduct architectural research off-shore and help students enrich their understanding and appreciation of architecture through scholarly research and travel. Priority is given to students who have previously had only limited opportunities for travel.

SAM CHANG SCHOLARSHIP AT THE SCHOOL OF ARCHITECTURE - This scholarship was established to help students participate in international education opportunities. Applicants must be preparing to study abroad in the next academic year.

R. RICHARD MORRIS MEMORIAL SCHOLARSHIP - The purpose of this fund is to assist graduate students in Practicum Studio with any costs related to practicum study, including but not limited to, transportation, travel, research, living expenses and tuition.

UMH SCHOOL OF ARCHITECTURE PRACTICUM FUND - The purpose of this fund is to provide financial assistance to students attending Practicum Studio.

UH SCHOOL OF ARCHITECTURE ALUMNI ASSOCIATION SCHOLARSHIP - The successful applicant will demonstrate promise as a future architect through coursework and community involvement.

AIA HONOLULU CHAPTER SCHOLARSHIP - Applicants must be full time students enrolled in a professional degree program accredited by the NAAB. Successful applications include a portfolio, an essay, a letter of recommendation from a faculty member, and an interview with the AIA Honolulu Chapter Scholarship Committee (finalists only).

AARC KING MEDAL - for best student research project of the academic year.

ALPHA RHO CHI MEDAL - National Professional Architectural Fraternity Award

HENRY ADAMS MEDAL - American Institute of Architects Award

HENRY ADAMS CERTIFICATE - American Institute of Architects Award

**Recent Student Scholarship/Grant Awards**

<table>
<thead>
<tr>
<th>Name</th>
<th>Award</th>
<th>Amount</th>
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<tbody>
<tr>
<td>07-08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shelley Hoenle</td>
<td>Johnson Kelley Travel Award</td>
<td>$875</td>
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<tr>
<td>Natalie Graham</td>
<td>UHSAAA Scholarship Fund</td>
<td>$1500</td>
</tr>
<tr>
<td>08-09</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chretien Macutay</td>
<td>UHSAAA Scholarship Fund</td>
<td>$3000</td>
</tr>
<tr>
<td>Zachary Bantolina</td>
<td>Architecture Development Fund</td>
<td>$3500</td>
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<tr>
<td>Christopher Parker</td>
<td>Construction Specifications Inst. Scholarship</td>
<td>$750</td>
</tr>
<tr>
<td>Year</td>
<td>Name</td>
<td>Fund/Program</td>
</tr>
<tr>
<td>------</td>
<td>---------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>09-10</td>
<td>Lauren Kamei</td>
<td>UHSAAA Scholarship Fund</td>
</tr>
<tr>
<td></td>
<td>Merrick Patten</td>
<td>School of Architecture Student Aid Fund</td>
</tr>
<tr>
<td></td>
<td>Raquel Gushi</td>
<td>School of Architecture Student Aid Fund</td>
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<tr>
<td></td>
<td>Cherri Marinas</td>
<td>Construction Specifications Inst. Scholarship</td>
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<tr>
<td></td>
<td>Kody Kato</td>
<td>School of Architecture Practicum Fund</td>
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<tr>
<td></td>
<td>Richard Rivera</td>
<td>School of Architecture Practicum Fund</td>
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<tr>
<td></td>
<td>Queenie Leung</td>
<td>School of Architecture Practicum Fund</td>
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<td></td>
<td>Joyce Nip</td>
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<td></td>
<td>Michelle Cheang</td>
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<td></td>
<td>Shae Grimm</td>
<td>UHSAAA Scholarship Fund</td>
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<tr>
<td></td>
<td>Austin Poe</td>
<td>SAME Honolulu</td>
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<tr>
<td>10-11</td>
<td>Queenie Leung</td>
<td>Johnson Kelley Travel Award</td>
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<tr>
<td></td>
<td>Amber Abinsay</td>
<td>Johnson Kelley Travel Award</td>
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<tr>
<td></td>
<td>Takara Tada</td>
<td>Johnson Kelley Travel Award</td>
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<tr>
<td></td>
<td>Nanako Imai</td>
<td>Honolulu Blueprint &amp; Supply Grant Fund</td>
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<td></td>
<td>Min Joo Kim</td>
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<td>Nanako Imai</td>
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<td></td>
<td>Kody Kato</td>
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<td>Laurel Swan</td>
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<td></td>
<td>Biwen Li</td>
<td>R. Richard Morris Memorial Scholarship</td>
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<td></td>
<td>Shao Yu Lin</td>
<td>R. Richard Morris Memorial Scholarship</td>
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<td></td>
<td>Yuhei Miyake</td>
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<td>Nanako Imai</td>
<td>School of Architecture Practicum Fund</td>
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<td>Shao Yu Lin</td>
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<td></td>
<td>Austin Poe</td>
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<td></td>
<td>John Paolo Soriano</td>
<td>Donald G. Deer Memorial Scholarship</td>
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<td></td>
<td>John Paolo Soriano</td>
<td>Solar Decathlon</td>
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<td>Kyung Joon Chung</td>
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<td></td>
<td>Yishan Fu</td>
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<tr>
<td></td>
<td>Takao Ugai</td>
<td>Solar Decathlon</td>
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<td>11-12</td>
<td>Conway Carter</td>
<td>Johnson Kelley Travel Award</td>
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<td></td>
<td>Patrick Dacayanan</td>
<td>UHSAAA Scholarship Fund</td>
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<td></td>
<td>Hong Joon Yang</td>
<td>Sam Chang Scholarship Fund</td>
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<td>George Raco</td>
<td>School of Architecture Student Aid Fund</td>
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<td></td>
<td>Jason Takeuchi</td>
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<td></td>
<td>Takao Ugai</td>
<td>Construction Specifications Inst. Scholarship</td>
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<td></td>
<td>Heather Muniz</td>
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<td></td>
<td>Joanna Griffith</td>
<td>School of Architecture Practicum Fund</td>
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<td></td>
<td>Reid Perry</td>
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<td></td>
<td>Micah Thrasher</td>
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<tr>
<td></td>
<td>Kala’e Frantz</td>
<td>Barry John Baker Scholarship Fund</td>
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<td></td>
<td>John Paolo Soriano</td>
<td>Donald G. Deer Memorial Scholarship</td>
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</tbody>
</table>
I.2.2. Administrative Structure and Governance

Administrative Structure

University Administrative Structure
The School of Architecture prepare students for careers in architecture particularly in Hawai‘i and the Pacific Region. The Dean’s Office directs all curricular, academic, and administrative matters for the School. This includes the following:

a. Establishes program direction of the School and develops implementation strategies.
b. Develops basic operating policies and procedures.
c. Administers personnel matter including hiring, development, evaluation, promotion and tenure, and dismissal matters.
d. Prepares and administers budgetary and fiscal reports.
e. Develops and reviews curriculum in collaboration with the faculty.
f. Plans, organizes, and administers teaching, research, and service functions.
g. Represents the School to the University, City and County, State and Federal Units.
h. Develops space and facility proposals.
i. Represents the School to, and coordinates activities with national and statewide professional organizations including national professional program accrediting agency.
j. Plans and implements external fund-raising and development programs of the School.
k. Assigns and coordinates faculty committees and taskforces.
l. Oversees the proper maintenance of space, facilities, and equipment.
Administrative Services:
Provides, coordinates, and facilitates a variety of administrative and support functions for the School. Included are the following:

a. Provides fiscal services for the School including coordination of fiscal matters such as budget requests, purchasing, and record keeping.
b. Helps to prepare and maintain personnel documents and personnel files.

Instructional Positions:
Provides instruction, conducts research and undertakes professional and community service pertaining to environmental design with particular references to Hawai‘i and Pacific Region needs. Services on School and University committees and task forces related to specific objectives.

Advisory Council:
The primary purpose of the Advisory Council is to assist the School in shaping, refining, and achieving its vision, mission, and goals. The Advisory Council will additionally foster closer ties between the School and its stakeholders. Current members of the Advisory Council are:

A. Kimbal Thompson, AIA, TF, LEED AP
   Allan Kehrt, FAIA
   Bob Liljestrand, M Arch
   Byoung Soo Cho, AIA
   Christian Bergum, AIA
   David Brotman, FAIA
   David Miller, AIA
   Donald Carlson, FAIA, LEED AP
   Don Goo, FAIA
   Donald King, FAIA
   Dwight Mitsunaga, AIA, NCARB
   Ed Weinstein, FAIA
   Elizabeth Stewart, Esq.
   Eric Crispin, AIA
   Fiske Crowell, FAIA
   Gary Yee, AIA, LEED AP
   Geoffrey Lewis, AIA
   Hian-Ka Tjen, MSIA, AIA, RIBA
   Homer Williams, FAIA
   Joseph Ferraro, FAIA
   Larry Heim
   Marion Fowlkes, FAIA
   Pat Onishi, AIA
   Peter Vincent, AIA, NCARB
   Randy Lau, RA
   Rick Lessard, AIA, NCARB
   Rob Iopa, AIA
   Ron Gronowski, FAIA, LEED AP
   Ron Herman, FASLA
   Sanford Murata
   Sheryl Seaman, AIA, ASID, LEED AP
   Stephan Huh, FAIA
   Susan Szenasy
   Thomas Witten, ASLA
Governance by Faculty, Students and Administration

The shared governance model of the School provides many opportunities for continually monitoring and evaluating the program, the faculty, the Dean, and student performance. The program is regularly assessed by annual faculty/staff/administration retreats, bi-monthly faculty meetings, standing committees including the Curriculum Committee, special committees/groups such as the Strategic Plan Development Group, regular surveys within the School and of alumni and practitioners, annual Practicum Faculty workshops, monthly School Faculty Senate meetings, regular “Talk Story” sessions between the Dean and students, open juries of all student studio work plus a studio post-mortem for faculty at the end of each semester, and comments solicited from guest jurors and local practitioners.

The UHM School of Architecture faculty formed a Faculty Senate in September 2003 to establish appropriate shared governance procedures as well as faculty responsibility and accountability within the School. According to the UHM SoA Faculty Senate Charter and Bylaws, the function of the Senate is to advise and grant consent to the School, the Dean, and School administration in the following major areas of governance and responsibility: (1) educational policy and planning; (2) standards for teaching, research, and service; (3) curriculum; (4) student advising; and (5) the granting of degrees. An additional function of the Faculty Senate is to advise the School, the Dean, and School Administration in the following major areas of shared governance and responsibility: (1) utilization of the School budget; (2) utilization of the School's human resources; and (3) utilization of the School's physical resources. Beyond these main areas of concern, the UHM SoA Faculty Senate also considers more general matters, if the need arises, such as the protection of academic freedom; the purposes and goals of the School as an academic unit within the University; the nature and scope of existing and future academic and outreach programs; and, the general state of relationships among all members of the School and University community.

Every course and instructor is evaluated by students at the end of each semester, and the results are made available to the instructor, the Dean, the Directors, and the Faculty Personnel Committee. In addition to this mandatory evaluation, the University provides an optional service to faculty members wishing to use intermediate student input to improve a course. The Dean conducts annual evaluations of each faculty member, and meets to discuss mutual concerns and aspirations. A post-tenure review of every full-time faculty member is conducted every five years by the Faculty Personnel Committee.

Every five years, the faculty completes a survey to evaluate the Dean, and may request external evaluators if major difficulties are perceived. Results are provided to the Dean. The Vice Chancellor for Academic Affairs also evaluates the performance of the Dean.

Student performance is evaluated in courses and studios by the Faculty, and in the open juries and post-mortem at the end of each semester. Other measures include success in competitions, positive results in community and campus projects, satisfaction of NAAB criteria, success in the Practicum Studio, success in internship following graduation, and success on the registration exam.

The Dean’s office periodically conducts a survey of current students, alumni and members of the profession to inform the Directors and faculty of their perception of the program. A survey is being developed in electronic format for administration just prior to the upcoming visit, and results should be available to the Visiting Team.
### Committee Structure

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<thead>
<tr>
<th>Committee</th>
<th>Faculty/Staff/Students</th>
<th>Long-Range</th>
<th>Self-Assessment</th>
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<td>Portfolio Review</td>
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<td>Lecture/Exhibits</td>
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<td>Recruitment</td>
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I.2.3. Physical Resources

The School is housed in a three-story reinforced concrete structure of about 32,000 sq. ft., completed in 1995, at 2410 Campus Road. The building is at the western edge of the Mānoa Campus along the University Avenue, directly across and on axis with Hawai‘i Hall, where it completes the composition of the historic structures on the campus.

The School of Architecture building is a wireless environment, and all floors are accessible with a ramp from ground floor to second floor and an elevator from ground floor to second and third floors. The School participates in the Mānoa Green Days and is in the process of minimizing the energy use of the building by more efficient lighting and utilization of natural ventilation, as opposed to excessive air conditioning. Other future plans include opening the building to University Avenue, which would make the School more visually accessible to the community and provide possibilities for natural ventilation of the studio spaces. The building includes the following physical spaces:

- Mainly covered parking and mechanical rooms (ground floor)
- Fabrication workshop (ground floor) that was a conventional woodshop with traditional tools, recently renovated and updated with such state-of-the-art technology as computerized laser cutters and other new tools
- Environmental Research and Design Laboratory (ground floor) that also provides services for campus planning and research opportunities for the students
- Heritage Center of the School of Architecture (third floor) that conducts research on historic preservation in the Asia-Pacific region
- Construction Process Innovation Laboratory (third floor) that provides the School with the most up to date information on building technology, research and patenting
- IT Laboratory (second floor) that houses the School’s IT Services and was recently relocated, refurnished and re-equipped with new computers, scanners/printers, large-scale plotters, laser cutters, a 3D-printer, and other highly advanced technology; also refitted to provide more power for the computer servers
- Central courtyard (second floor) that is used for informal outdoor seating and assemblies; recently furnished with tables, chairs, and sun umbrellas as well as elegant fabric shades, designed by the students of ARCH 235 course
- Auditorium (second floor) for large architecture courses and University-wide presentations, seats 200; recently re-carpeted and re-painted
- Gallery (second floor) for displaying students’ work and other exhibitions
- Secure bicycle parking (second floor)
- Bathrooms and service spaces (second and third floor)
- Student lounge (third floor) that provides a break room for the students and offices for the students’ association (AIAS)
- Classrooms (second and third floor), assigned to non-architecture UH classes as available, include three lecture rooms, four large design studios, and two smaller studio spaces with enough room for each student to have a personal workstation; lecture rooms 214 and 215 were recently renovated, re-equipped and re-furnished; room 214 now has a smart board and clicker functions and is equipped for video conferencing
- Faculty and staff offices (second and third floor); rooms 217 (new Admissions Office) and 314 (SoA Conference Room) are currently under renovation to house more updated equipment and adequate space
Besides the building at the Mānoa Campus, the School has been occupying an approximately 1,500 sq. ft. space in the basement of Davies Pacific Center for the off-campus studios and the **UHM SoA Community Design Center**. Depending on the semester, 15-20 upper division and graduate students have studied in this space to work on projects that serve the wider community. As the number of service/learning projects and students’ interest in them has increased, the School has been searching for an alternative space near downtown to accommodate the anticipated growth. For this purpose, a 5,000 sq. ft. second floor space is scheduled for renovation at a cost of $300-350,000 at the corner of Ala Moana Boulevard and Keawe Street for occupancy in the fall of 2012. This satellite facility, located in a rapidly developing area of downtown, will house the Downtown Studio and permit a significant expansion of the community outreach programs of the School, while also providing space for additional satellite activities. It will have space for approximately 50 student work stations and five faculty offices. The renovation will be financed out of the budget carry-over. The Honolulu Chapter of the AIA and the Hawai‘i Architectural Foundation are currently discussing leasing space from the School in this facility.

As for other physical facilities, the **Charlot Residence**, a former home of the well-known artist, Jean Charlot, was donated to the University, and the School of Architecture has been given the use and responsibility of the property. The house is a superb example of 1950s Modernism in Hawai‘i, and is located adjacent to the Waialae Country Club and Waialae Beach Park in Kahala. It is used for visiting faculty housing, conferences, retreats and other special events.

The School is in the process of negotiating with the Liljestrand family for the donation of the **Liljestrand Residence**, an extraordinary icon of Hawaiian Modernism by the architect Vladimir Ossipoff. The house is a special attraction for visiting architecture scholars, and will provide yet another venue to the School for special events, while preserving an important part of the architectural heritage of the region and the world.

**Building Plans**

See APPENDIX 3.

**I.2.4 Financial Resources**

The financial health of the School is much stronger and more stable than it was during the last visit. In spite of the challenging economic climate facing the University, administrative changes and the addition of an experienced Administrative Officer with the School have resulted in a balanced or surplus budget every year over the past five years. Recognizing the need to have funds available for investment into the program, the School was able to accrue funds over the past few years. Unfortunately, but understandably, the University diverted 15% of our carryover for other needs on campus. The School is now proceeding forward with adequate financial resources and a clear idea of future needs and anticipated resources as long as revenue streams are maintained.
# Program Budget 2011/2012

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<td>UH Foundation</td>
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## Expenses

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<tbody>
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<td>Instruction</td>
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<tr>
<td>Lecturers</td>
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<tr>
<td>Casual</td>
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<td>APT</td>
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## Total Overhead

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<tr>
<td>Tongji Program</td>
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## General and Administrative Allocation Expense

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*Note: The General Fund Appropriation is subject to legislative approval.*
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### Expenses

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### Total Capital

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### General and Administrative Allocation Expense

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<td>Classroom upgrades</td>
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## Total Overhead

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<td>Tongji Program</td>
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## General and Administrative Allocation Expense

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## Excess Revenue/Expense

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## Comparative Analysis

### 2008-2009

<table>
<thead>
<tr>
<th>Total Revenue</th>
<th>2009-2010</th>
</tr>
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<tbody>
<tr>
<td>UH Foundation</td>
<td>222,310.00</td>
</tr>
<tr>
<td>Heritage</td>
<td>54,000.00</td>
</tr>
<tr>
<td>Kawilii</td>
<td>8,000.00</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>G Fund Allocation</td>
<td>1,775,795.00</td>
</tr>
<tr>
<td>Projected Tuition Allocation</td>
<td>338,464.00</td>
</tr>
<tr>
<td>Projected Off Campus Allocation</td>
<td>0.00</td>
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<tr>
<td>Project Fee's</td>
<td>47,400.00</td>
</tr>
<tr>
<td></td>
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</table>

### 2009-2010

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UH Foundation</td>
<td></td>
</tr>
<tr>
<td>Heritage</td>
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</tr>
<tr>
<td>Kawilii</td>
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<tr>
<td>G Fund Allocation</td>
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<td>Projected Tuition Allocation</td>
<td></td>
</tr>
<tr>
<td>Projected Off Campus Allocation</td>
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</tr>
<tr>
<td>Project Fee's</td>
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</tr>
<tr>
<td></td>
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### Total Expenses

<table>
<thead>
<tr>
<th>Total Expenses</th>
<th>2009-2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instruction</td>
<td>1,775,795.00</td>
</tr>
<tr>
<td>UH Foundation/Extramural</td>
<td>284,310.00</td>
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<tr>
<td></td>
<td><strong>2,060,105.00</strong></td>
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### Total Capital

<table>
<thead>
<tr>
<th>Total Capital</th>
<th>2009-2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class renovation</td>
<td>10,663.00</td>
</tr>
<tr>
<td>Projected furniture expense</td>
<td>10,663.00</td>
</tr>
<tr>
<td></td>
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### Total Overhead

<table>
<thead>
<tr>
<th>Total Overhead</th>
<th>2009-2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>UH Telecom/Long Distance</td>
<td>11,000.00</td>
</tr>
<tr>
<td>Shop Supplies</td>
<td>4,000.00</td>
</tr>
<tr>
<td>General and Administrative Expense</td>
<td>203,724.00</td>
</tr>
<tr>
<td></td>
<td><strong>218,724.00</strong></td>
</tr>
</tbody>
</table>

### Excess Revenue/Expenses

<table>
<thead>
<tr>
<th>Excess Revenue/Expenses</th>
<th>2009-2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>156,477.00</td>
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<tr>
<td></td>
<td>2011-2012</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>UH Foundation</td>
<td>370,000.00</td>
</tr>
<tr>
<td>NCARB</td>
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</tr>
<tr>
<td>Energy &amp; Economic Model</td>
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</tr>
<tr>
<td>KSBE 1</td>
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</tr>
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<td>KSBE 2</td>
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</tr>
<tr>
<td>Solar Decathlon</td>
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</tr>
<tr>
<td>Recharge Center</td>
<td>40,000.00</td>
</tr>
<tr>
<td>KSBE 1</td>
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<tr>
<td>G Fund Allocation</td>
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<td>Projected Off Campus Allocation</td>
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<td>Professional Fee's</td>
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<td></td>
<td>3,216,510.00</td>
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<td>Off Campus Site</td>
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<td>Total Overhead</td>
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<td>Recharge Expenses</td>
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<td>Shop Supplies</td>
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<tr>
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<td>298,000.00</td>
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<tr>
<td></td>
<td>342,000.00</td>
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<tr>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>3,066,814.00</td>
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<td>Excess Revenue/Expenses</td>
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### 2013/2014

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<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>General Fund Appropriation</td>
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<tr>
<td>Projected Off Campus Program</td>
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<tr>
<td>Projected Student Fee's</td>
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</tr>
<tr>
<td>Tongji Program</td>
<td>655,101.00</td>
</tr>
<tr>
<td>Recharge Center</td>
<td>40,000.00</td>
</tr>
<tr>
<td>UH Foundation</td>
<td>370,000.00</td>
</tr>
<tr>
<td>Bob Wong Endowment</td>
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</tr>
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<table>
<thead>
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<tbody>
<tr>
<td>Instruction</td>
<td>1,381,479.00</td>
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<tr>
<td>Lecturers</td>
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<td>Casual</td>
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<td>APT</td>
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<td>TA's</td>
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<td><strong>Total Capital</strong></td>
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<table>
<thead>
<tr>
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<td>Classroom upgrades</td>
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<tr>
<td>Equipment</td>
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<tr>
<td><strong>Total Capital</strong></td>
<td><strong>$75,000.00</strong></td>
</tr>
<tr>
<td>Tongji Program</td>
<td>$655,101.00</td>
</tr>
<tr>
<td>Recharge Center</td>
<td>$40,000.00</td>
</tr>
<tr>
<td>UH Foundation</td>
<td>$370,000.00</td>
</tr>
<tr>
<td>Bob Wong</td>
<td>$40,000.00</td>
</tr>
<tr>
<td><strong>Total Overhead</strong></td>
<td><strong>$1,105,101.00</strong></td>
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<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>General and Administrative Allocation Expense</td>
<td><strong>$322,000.00</strong></td>
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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Excess Revenue/Expense</td>
<td>$39,394.00</td>
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</table>
Comparison with Other Degree Programs
Three years of data on annual expenditures per students, both undergraduate and graduate, compared to the expenditure by other professional degree programs in the institution.

<table>
<thead>
<tr>
<th>A.Y.</th>
<th>Architecture</th>
<th>Engineering</th>
<th>Nursing</th>
<th>Law</th>
<th>Medicine</th>
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<tr>
<td><strong>2006/07</strong></td>
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<tr>
<td>Lower D.</td>
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<td>12531</td>
<td>21895</td>
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<tr>
<td>Upper D.</td>
<td>13320</td>
<td>17346</td>
<td>20115</td>
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<tr>
<td>Graduat</td>
<td>6775</td>
<td>39324</td>
<td>22315</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>9551</strong></td>
<td><strong>20035</strong></td>
<td><strong>20623</strong></td>
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<td></td>
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<tr>
<td>Lower D.</td>
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<td>6443</td>
<td>29111</td>
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</tr>
<tr>
<td>Upper D.</td>
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<td>10888</td>
<td>18248</td>
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</tr>
<tr>
<td>Graduat</td>
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<td>12334</td>
<td>22221</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11670</strong></td>
<td><strong>19658</strong></td>
<td><strong>19641</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2008/09</strong></td>
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<tr>
<td>Lower D.</td>
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<td>34054</td>
<td>10379</td>
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</tr>
<tr>
<td>Upper D.</td>
<td>14527</td>
<td>17829</td>
<td>18931</td>
<td>18379</td>
<td></td>
</tr>
<tr>
<td>Graduat</td>
<td>8539</td>
<td>52391</td>
<td>25198</td>
<td>15238</td>
<td>38378</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10850</strong></td>
<td><strong>23181</strong></td>
<td><strong>21011</strong></td>
<td><strong>15238</strong></td>
<td><strong>31380</strong></td>
</tr>
<tr>
<td><strong>2009/10</strong></td>
<td></td>
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<td></td>
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<tr>
<td>Lower D.</td>
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<td>29588</td>
<td>8511</td>
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<tr>
<td>Upper D.</td>
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<td>12541</td>
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<tr>
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<td>46953</td>
<td>16374</td>
<td>16118</td>
<td>32950</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>8488</strong></td>
<td><strong>24370</strong></td>
<td><strong>16282</strong></td>
<td><strong>16118</strong></td>
<td><strong>27657</strong></td>
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<tr>
<td><strong>2010/11</strong></td>
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<td>33428</td>
<td>14887</td>
<td>14110</td>
<td>29842</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>7566</strong></td>
<td><strong>11079</strong></td>
<td><strong>14444</strong></td>
<td><strong>14110</strong></td>
<td><strong>25871</strong></td>
</tr>
</tbody>
</table>

Source: University Budget Office
I.2.5 Information Resources

Resources Dedicated to Architecture

The John and Maria Lynn School of Architecture Reading Room is located on the third level of the SOA building, and is overseen by Assistant Professor Lance Walters, chair of the SOA Library Committee. The room is staffed by a student, and is open M-F at selected hours, and by special appointment. Students may use items in the room or check them out for two weeks (D.Arch. Project documents for one week). Faculty may check items out for a semester. The holdings consist primarily of donations by retired and active faculty members, and include a good collection of “classic” architectural texts and periodicals (including an extensive collection of Architectural Record magazines). These resources are especially useful in introductory classes and for research projects.

Hard copy course reserves are located in the Sinclair Library, a branch library adjacent to the School of Architecture, which also contains 320 videotapes/DVDs in the Wong A/V Center. Electronic course reserves that can be accessed by personal or library computers are also available at the instructor’s discretion.

The primary on-campus book, tape and periodical collection for architecture is housed on the second floor of the Hamilton Library, which is open 24 hours a day during the week, and during the day on the weekend. A member of the architectural faculty oversees the Reading Room and coordinates with the principal University librarian to address specific collection needs. Of course, more and more student library/inter-library research is becoming possible using the Internet, and the greatly improved IT facilities of the School can be counted as an increasingly significant Informational Resource.

Institutional Context and Administrative Structure

The architecture collection is located in the University of Hawai‘i at Mānoa Hamilton Library. The University library is a centralized system for the campus, known as Library Services, an independent unit on campus equivalent in the University’s administrative structure to a college. The architecture collection is managed by the full range of library operations, services, and personnel that is provided to all academic units on campus. This includes acquisitions, cataloging, circulation, collection development, gifts and exchange, interlibrary services (loans and document delivery), preservation, reference, serials management, stacks maintenance, information technology (online catalogs and indexes, computer systems, and networking), and facilities and personnel management.

Library and Information Resource Collections

According to the collection development statement for architecture (Library Collection Policy Statements, July 2008, available from the library’s web site), the library attempts to collect materials at a research level (as described in Guide for Written Collection Policy Statements, 2nd edition, 1996) in support of the School of Architecture’s professional and doctoral degree program.

Collection Description

The library’s support of the School relies on numerous library collections, including those for American studies (historical preservation); architecture (architectural history and design); art; engineering (civil, electrical, mechanical, acoustical, etc.); Hawaiian, Asian, and Pacific studies; urban and regional planning, and government documents.
a) Books

Materials collected cover a broad range of topics including architectural technology; environmental control systems; sustainable design; tropical design; seismic design; housing, community and urban development in Southeast Asia; tropical vernacular architecture; architecture pedagogy; American, European, Asian, and Pacific architectural history and theory. There are no limitations on language, but the emphasis is on English language materials. Current and historical materials are collected. In general, geographical emphasis is placed on the United States, Canada, Western Europe, and Scandinavia. Materials on vernacular design, especially in hot-humid climates are collected for Hawai‘i, Southeast Asia, and other Asian regions. All treatments except popular are acquired.

The University of Hawai‘i at Mānoa Library contains a collection of 3,602,058 volumes (ARL 2010 Statistics). The architecture printed collection primarily consists of:

<table>
<thead>
<tr>
<th>Category</th>
<th>Current volumes</th>
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</thead>
<tbody>
<tr>
<td>Architecture (NA1-8999)</td>
<td>15,000</td>
</tr>
<tr>
<td>Interior architecture (NK, selected TS)</td>
<td>10,000</td>
</tr>
<tr>
<td>Urban design (NA9000-9999)</td>
<td>2,100</td>
</tr>
<tr>
<td>Housing (HD7285-7395)</td>
<td>1,800</td>
</tr>
<tr>
<td>Landscape architecture (SB400-500)</td>
<td>5,000</td>
</tr>
<tr>
<td>Engineering aspects (T-TH)</td>
<td>7,400</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>41,300</strong></td>
</tr>
</tbody>
</table>

The numbers of current volumes have been adjusted from previous NAAB reports and indicate a recalculation of the shelf counts to reflect deaccession, the migration to ebooks, and the multidisciplinary publishing in architecture.

Normally, several hundred volumes are added each year to the architecture collection. For the past two fiscal years (FY2010, FY2011) the approval plan was closed because of budget shortfalls, therefore very little was added to any collection in the library.

The library acquires digital books through a number of vendors and provides access to hundreds of online reference sources. Examples of titles of interest to architecture include:

- ARTstor
- Dictionary of Architecture and Construction
- Dictionary of Islamic Architecture
- Dissertations and Theses (formerly Dissertation Abstracts)
- Encyclopedia Britannica
- Oxford Art Online
The library also provides ScholarSpace, an open-access, digital institutional repository for the University of Hawai‘i at Mānoa community. The repository is a database with a set of services to capture, store, index, preserve and redistribute the university's scholarly research in digital format.

**b) Serials**

The library has approximately 100 current subscriptions to serials of interest to architecture, providing access to 75% of the periodical titles listed in the Association of Architecture School Librarians Core List. Access to periodical articles is heavily supplemented by the library's subscriptions to full-text digital resources and subsidized document delivery. Some of the primary architecture-related online indexes, abstracts, and full-text databases include:

- **Academic Search Premier (EBSCO)** offers the indexing to over 8,500 periodicals, plus the full-text of approximately 4,600 scholarly and general interest periodicals.
- **Art and Architecture Complete (EBSCO)** offers indexing and selective full-text to 780 academic journals, magazines and trade publications, as well as for over 230 books.
- **Avery Index to Architectural Periodicals** is the principal index for architecture and provides indexing to approximately 300 periodicals, as well as over 13,000 obituary citations to prominent architects, historians, and researchers.
- **Design and Applied Arts Index** covers both new designers and the development of design and the applied arts since the mid-19th century, including architecture, interior design, and garden and landscape architecture.
- **JSTOR** is a journal archives with UH access to over 1,600 scholarly journals.
- **Project Muse** provides access to the full text of 400 scholarly journals published by university presses. Most journals included are in arts and humanities.

The library also has an OpenURL system to facilitate access to digital full-text articles. The library's document delivery program offers faculty and students free document delivery of articles from periodicals not subscribed to by the library. These services provide nearly unlimited access to the journal literature in any field.

**c) Visual and non-book resources**

There are approximately 320 architecture videotapes/DVDs located in the Wong Audiovisual Center in Sinclair library, which is a branch library adjacent to the School of Architecture building.

**d) Conservation and preservation**

The physical care of the architecture collection is managed within the care for all collections in the library. This includes housing and storing the open access collection; binding periodical volumes and new books; and mending, encapsulating, or reformatting. There is a state-of-the-art preservation facility and Special Research Collections that administers the Closed Shelves section of the library.

**Services**

In addition to collection development and management, the library provides a range of typical services—reference, instruction, current awareness, access to and organization of digital and print collections, interlibrary loans, document delivery, course reserves, photocopying facilities, computing labs, and study areas. This includes many behind-the-scene services, such as computer systems for managing catalogs, indexes, and other digital content; authentication systems for licensed materials; and networking.
1) Reference and Instruction

Reference for architecture is provided primarily by the Business, Humanities, and Social Sciences Department of the library. Reference is available at the main reference desk, by appointment with a librarian, through the telephone, and through electronic mail. Reference is also available from librarians in other departments and collections, such as Science and Technology, Asia, Hawaiian and Pacific, and Government Documents. The library maintains numerous online and printed guides. Library instruction is provided through online and printed guides, self-help documents on the library web site, and subject-specific workshops.

2) Current Awareness

Current awareness practices include a web site with announcements and links to resources, a new books list available through the library’s online catalog. Many of the databases and indexes that the library subscribes to allow faculty and students to set up profiles with automatic and recurring searches on self-determine topics and with email alerts. Faculty may also request to be notified when books they have ordered arrive.

3) Access to and organization of collections

The main library (Hamilton Library) is generally accessible 76 hours six days a week, with extended hours during exam periods. Sinclair Library is open 24 hours a day five days a week. Access to library collections is through the library catalog, which is one part of a larger library management system that includes modules to handle acquisitions, cataloging, circulation, fiscal, and serials. Audiovisual materials and course reserves are located in Sinclair Library, adjacent to the School of Architecture building. Printed materials are organized into collections--the main Business, Humanities, Social Sciences, and Sciences collection; Asia, Hawaiian, and Pacific collections; Special Research Collections; Government Documents collection; and Microforms collection. Many materials--books, journal articles, images, and course reserves--are available remotely and digitally 24/7.

The organization of library materials within collections is according to the Library of Congress classification system of call numbers for books and periodicals; Superintendent of Documents (SuDoc) classification system for United States Federal Depository documents; and accession number for micro formats and other selected collections. Bibliographical and intellectual access to catalog information is through MARC and AACR2/RDA national standards, through the application of Library of Congress Subject Headings and name authority records; and through keyword and field-specific indexing. The library participates in the national cataloging network of OCLC. Library materials are cataloged in a timely manner through original and copy cataloging and through shelf-ready books purchased through the approval plan.

4) Cooperative agreements

Interlibrary services are available to faculty and students. Requests for interlibrary services are made electronically through the library's website. The interlibrary loan of books, dissertations or theses, entire conference proceedings, microfilm reels, and microfiche are free. The document delivery of journal articles is free. Documents are delivered in electronic format when available as such from the source institution. The library subsidizes access to books and journal articles from other libraries, providing students and faculty access to a large portion of published scholarly content held in North American libraries.
Staff
The architecture collection is managed by the full range of library operations, services, and personnel provided by the centralized structure of the organization. This includes acquisitions, gifts and exchange, serials, cataloging, bindery, circulation, stacks maintenance, reference, selection and collection development, preservation, and information technology (online catalogs and indexes, computer systems, and networking). The library has approximately 47 librarians and 90 support staff.

All librarians have MLIS degrees, many of who have masters and doctoral degrees in other fields. The library attempts assign a librarian with arts and humanities experience as the primary contact for the architecture collection; however, architecture is just one many subject areas that the librarian is assigned. Currently the librarian for architecture is located in the Business, Humanities, and Social Sciences Department.

Facilities
The University of Hawai‘i at Mānoa Library provides the largest collection of information and research materials in the State. More than 3.6 million volumes, including 44,500 currently received serials and periodical titles makes this the 63rd largest library in the United States (ARL annual statistics, 2010).

Resources supporting architecture are located on the second floor in Hamilton Library where all business, humanities, and social sciences subjects are located in open stacks. There are security guards, security cameras, and theft detection mechanisms. A closed shelves section in the Special Research Collections of the library is available for materials that need an additional level of protection. The library provides standard and sufficient storage systems for printed and digital library materials, although space has been an ongoing problem for the library's printed materials, affecting all collections. Control of the air conditioning, humidity, and airflow around the books is overall satisfactory, but there are occasional outbreaks of mold that have to be dealt with.

There are group study rooms and library carrels for individual study. Photocopiers, computers, scanners, and microformat readers and printers are provided. The library provides one of the few places on campus with large numbers of computers for students to use. All public and staff computers have Internet access. Wireless access is also available in various locations within the library and connects to the campus's network.

The library has a state-of-the-art computer room that houses the servers for the library management system (online catalog and other system modules), the institutional repository (ScholarSpace), and the web site. Having a robust computer systems room and office provides increased and stable access to information resources world-wide, integrates the bibliographic holdings of the University of Hawai‘i system libraries, and provide a substantial increase in web-based access to indexes and databases for faculty and students.

In 2001 the library built a $45.1 million six-story addition, renovated the existing building. These changes represented the first major upgrade to the library building since 1978. The library gained over 81,000 square feet. In October 2004, a flash flood destroyed the ground floor of the library causing $39 million in damage. Affected areas included the library's Government Documents Collection and the Maps Collection (including United States government documents, United Nations documents, maps, and aerial photographs); the Acquisitions, Serials, Cataloging, and Gifts and Exchanges Departments; the library's computer servers for the library management system; the Library and Information Studies Program; and the electrical and telecommunications infrastructure of the building. After six years, the ground floor and most of the affected systems reopened in Fall 2010.
Budget, Administration, and Operations

1) Funds

Funding for architecture materials is provided from several sources. As with all subjects, no funds are specifically allocated for architecture. Generally monographs are funded through the approval plan and discretionary purchases. Serials are funded through the annual serials payments for print and electronic subscriptions and standing orders. For resources of interest to architecture, annual expenditures for monographs and serials are roughly $25,000 and $29,000 respectively, totaling $54,000.

All numbers are rough estimates. Numbers will vary from year to year depending on publishing outputs and what might be considered of interest to architecture. The average cost of a book in architecture is $54.89 and in civil engineering is $93.97 (Yankee Book Peddler Domestic Annual Book Prices for University Press Books 2009-2010). The average cost of a journal in architecture is $276 and in engineering is $2,035 ("Periodicals Price Survey 2011," by Stephen Bosch, Kittie Henderson, & Heather Klusendorf. Library Journal, 14 April 2011). Estimates for serials expenditures do not include the subscriptions to online databases and indexes.

2) Intra-institutional relationships

The services and operations supporting the architecture collection are located in the university library. Other substantial libraries in the state are the University of Hawai‘i School of Law Library and the Hawai‘i State Public Library. Both libraries are available for public use. The university library collaborates with community college libraries within the University of Hawai‘i system to provide web-based subscription access to periodical indexes and other electronic resources. These collaborative arrangements directly benefit faculty and students, including those for architecture.

3) Efficiency of Operations and Services

The library operations and services are centralized for the campus. This centralized environment offers a broad range of services and resources not normally available or feasible in smaller specialized libraries. The architecture collection and academic constituency benefits from a large number of subscriptions to online services and bibliographic utilities; the expertise of a large number of personnel in serials and acquisitions, cataloging, preservation, area studies, and reference; the availability and management of networks; and the management of the facilities. Reciprocal borrowing privileges among libraries in the University of Hawai‘i system are available to students at all campuses. Currently the centralized management of library operations and services offers a cost effective alternative to a specialized library administered directly by the School of Architecture.

Information Literacy

The SOA faculty and staff assume primary responsibility for ensuring that students develop the necessary skills to access and research information from all sources. Entering students are introduced to the University library system, which also provides assistance through hard-copy and web-based instruction guides, as well as computer facilities for instruction in research methods available to all University faculty and students. Instruction in the use of digital technology to access and research subjects occurs throughout the professional curriculum, especially in the Research Methods Seminar (ARCH 539). In addition, the SOA Director of Digital Media is innovative, experienced and accessible to students and faculty. The ability to access complete information about precedents and to research projects and concepts in depth is an essential component of the D.Arch. program, and relates directly to the goals of the School as stated in the Strategic Plan.
At the University-wide level, the Hamilton Library provides various services in information literacy. For the architecture students and faculty, most significant is the Architecture Research Guide at: http://guides.library.manoa.hawaii.edu/architecture. On this webpage, the Humanities Librarian, Theodore Kwok, and the Visual Resources Librarian, Kanako Iwase, offer advice on how to find articles, books, reference sources, etc., for research in architecture; both are also active in arranging workshops and visiting classes when needed. The above Architecture Research Guide focuses on online resources, which can be accessed either within the library or remotely, including various direct links. Particularly useful are the links to the online databases, digital books, journals and other e-resources, ARTstor and other visual resources, as well as research and discovery tools, such as the Hawai‘i Voyager, Inter Library Loans, and maps & GIS.

Part One (I): Section 3 - Institutional and Program Characteristics

I.3.1 Statistical Reports

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### Current, University of Hawai’i at Mānoa

| Assistant Professor-FULL TIME | total | | | Total | |
|---|---|---|---|---|
| | M | F | M | F |
| American Indian or Alaska Native | 3 | 0 | 3 | 3 |
| Asian or Pacific Islander | 139 | 0 | 139 | 139 |
| Black or African American | 4 | 0 | 4 | 4 |
| Hispanic/Latino | 11 | 0 | 11 | 11 |
| White | 162 | 0 | 162 | 162 |
| Two or more races | 0 | 0 | 0 | 0 |
| Nonresident alien | 0 | 0 | 0 | 0 |
| Race and ethnicity unknown | 5 | 0 | 5 | 5 |
| Grand Total | 324 | 0 | 0 | 324 | 324 | 0 | 324 |
Number of faculty promoted:
Each year since last visit: One
In University each year since last visit:
2010-64; 2011-80

Number of faculty granted tenure:
Each year since last visit: None
In University each year since last visit
2010-43; 2011-53

Number of faculty maintaining license
In US jurisdiction each year since last visit: 12
In the following states: Hawai‘i, California, Kansas, Florida, Maryland, Montana, Oklahoma, Pennsylvania, Virginia, New York

I.3.2. Annual Reports
This is to certify that all data submitted to the NAAB through the Annual Report Submission system since the last site visit is accurate and consistent with reports sent to other national and regional agencies including the National Center for Education Statistics.

Clark Llewellyn, Dean, School of Architecture
University of Hawai‘i at Mānoa
I.3.3. Faculty Credentials

The School is fortunate to have a faculty made up of a well-balanced combination of highly-qualified academics, talented practicing academics, and distinguished practitioners. The Faculty Resumes and Faculty Matrix illustrate that members of the full-time teaching faculty actively participate in the profession or attend professional society meetings (AIA, APA, NAAB, NCARB, etc.), and the adjunct faculty are all active and/or experienced and highly respected practitioners. The Professional Studio, which exposes every student to real-world practice or research, is staffed by active practitioners. The lecture courses are taught either by academics with either scholarly credentials or peer-recognized real-world practice/research in the area of instruction. Studio courses, especially at the upper levels of the professional degree, are typically taught by registered architects with either peer-recognized design experience or research qualifications relevant to studio instruction at the doctorate level. Please refer to Section 1.2.1 Faculty and Staff and the Faculty Exhibit for specific faculty credentials and the details.

Adjunct Faculty (Professional Practicum Studio)

Ron Altoon, FAIA, LEED AP  
Barry Berkus, AIA  
S. Fiske Crowell, J., FAIA, LEED  
Charles Davis, FAIA  
Scott Dunlap, AIA  
Joseph Ferraro, FAIA, LEED, AP  
Ron Gronowski, FAIA  
Douglas Wyatt Hocking, AIA, LEED, AP  
Stephan Huh, FAIA  
Mark B. Hults, AIA  
Aaron Jon Hyland, AIA  
J Scott Kilbourn, AIA  
Dr. Ronald Lu  
Lorrin Matsunaga, AIA  
Lewis May, FASLA  
Kurt Mitchell, AIA  
Francis Oda, FAIA  
Joshua Jih Pan, FAIA  
John Pangrazio, FAIA  
Brad Perkins, FAIA  
John Sheehy, FAIA, RIBA  
Laurinda Spear, FAIA, RIBA  
Kevin Sullivan, FAIA  
Theodore Szostkowski, AIA  
Brian Takahashi, AIA  
Carol Torigoe, AIA  
Ed Weinstein, FAIA  
Phillip K. White, AIA  
Glenn R. Wing, AIA  
Chun Soo Won, Hon. FAIA  
Ken Yeang, APAM, FSIA, RIBA, ARAIA, Hon. FAIA, Hon. FRIAS, FRSA
PART ONE (I): Section 4- Policy Review

This information will be provided in the Team Room as requested.

PART TWO (II): EDUCATIONAL OUTCOMES AND CURRICULUM

Part Two (II): Section 1- Student Performance- Educational Realms and Student Performance Criteria

The UHM School of Architecture is currently transitioning from an NAAB accredited seven-year D.Arch. professional degree program to a four-year pre-professional degree program plus a three or three-and-a-half year D.Arch. professional degree program. Qualified graduates of an approved pre-professional program may apply for the three-year professional D.Arch. or the subset program known as Global Track which will provide additional diversity of perspective to the UHM D.Arch. experience.

Graduates of a baccalaureate program other than pre-architecture are eligible to apply to the three-and-a-half year program. One of the goals of this revision is to provide a broader perspective to the D.Arch., by encouraging entry into the program for students with liberal arts or science backgrounds, as well as students with pre-professional experiences other than UHM.

See Appendix 4 for the SPC matrix.
Part Two (II): Section 2- Curricular Framework

II.2.1. Regional Accreditation

July 5, 2011

Virginia S. Hinshaw
Chancellor
University of Hawai‘i at Manoa
2500 Campus Road
Honolulu, HI 96822

Dear Chancellor Hinshaw:

At its meeting June 22-24, 2011 the Commission considered the report of the Educational Effectiveness Review (EER) team that conducted the visit to the University of Hawai‘i at Manoa (UHM) March 14-16, 2011. The Commission also had access to the Educational Effectiveness Review report prepared by the University prior to the visit, the institution’s thoughtful May 17, 2011 response to the team’s report, and the documents relating to the Capacity and Preparatory Review (CPR) visit conducted in fall 2009. The Commission appreciated the opportunity to discuss the review with you, Vice Chancellor for Academic Affairs Reed Dasembrock, and Academic Affairs Program Officer Myrtle Yamada. Your comments were very helpful.

UHM’s institutional proposal (2006) outlined three themes for its comprehensive review: Building a Manoa Community in Support of Student Success; Campus Renewal to Support the Manoa Experience; and Reform of Campus Governance to Promote Communication and Student Success. The CPR report (2009) was well aligned with the proposal and supported by effective data and analysis. Similarly, the team observed that the EER report was consistent with the proposal, supported by data, and “accurately reflected the incredible distance the campus has come in reaching its goals.”

The CPR team and the Commission action letter of February 2010 recommended that UHM focus on three areas: (1) putting in place a new strategic plan, with special attention to defining the “Manoa Experience” and to identifying ways of minimizing procedures, policies and processes that hinder decision making; (2) aligning student success initiatives and tracking results, with special attention to retention and graduation rates; and (3) continuing to make progress in assessing student learning and program review, with special attention to deepening faculty engagement.

With respect to the strategic plan, the team noted that “the mission, goals, values, and proposed metrics represent a solid start.” In addition, “the university has made significant progress in what the team [came] to realize is no single task – clarifying the Manoa Experience.” In terms of student success, the team noted that “the EER provided a wealth of information related to student success initiatives moving the campus toward a fully integrated evidence-based learning environment.” The team also commended the University for routinely collecting, analyzing, and interpreting extensive data on retention and graduation, disaggregated by gender, ethnicity, residency, and other variables. Regarding educational effectiveness, of special note is UHM’s academic program review process which the team called “a total success,” “well articulated,” “highly developed...linked to WASC standards, and broadly supported as worthwhile by the
faculty." The team praised the University for "faculty ownership of the assessment effort."

UHM selected six ambitious themes for its EER: Manoa identity, student learning success, campus master planning and facilities management, student and faculty housing, long term relationships with stakeholders, and student/faculty engagement. The team found much to commend on the progress the University has made on its themes, and especially singled out the "strong strides in creating a culture centered on assessment and evaluation."

The Commission endorses the recommendations of the EER team and wishes to emphasize the following areas for further attention and development:

**Defining the Undergraduate Degree.** The University has done an excellent job in establishing departmental student learning outcomes, documenting the extent to which outcomes are achieved, and using the results to make improvements. The team reported that the University has underway a project to define competencies at the undergraduate degree level: what students should be expected to know and be able to do, regardless of their major, once they have earned a bachelor's degree from the University of Hawai‘i at Manoa. The Commission recommends that the University continue its efforts to articulate the learning outcomes that define the expectations for an undergraduate degree from UHM. (CFRs 2.2, 2.3, 2.6)

**Fostering Student Success.** The University is under mandate from the University of Hawai‘i System to increase the number of degrees awarded and overall degree attainment. From 1999-2000 to 2008-09, UHM realized a 17-percent increase in the number of bachelor degrees awarded. However, UHM’s overall six-year graduation rate is 51 percent, which is lower than the graduation rates of many comparable comprehensive research universities. The Commission supports the System’s goals of increasing the numbers of students earning bachelor’s degrees and recommends that the University continue to work to raise its undergraduate retention and graduation rates. The Commission further recommends that UHM continue to identify and implement programmatic strategies to address identified disparities among student subpopulations, and benchmark retention and graduation data against similar institutions. In addition, in keeping with newly adopted federal regulations, UHM should ensure that it has clear policies on student workload and credit hours, particularly for distance education courses. (CFRs 1.5, 1.7, 2.5, 2.10)

**Enhancing the University as a Hawaiian Place of Learning.** The University is committed to creating a campus based on values grounded in Hawaiian culture and has undertaken a number of successful initiatives to engage the entire campus community in embracing concepts like a Hawaiian Place of Learning. The team noted that "great momentum has been generated." The Commission recommends that the University continue to articulate the measurable attributes of a Hawaiian Place of Learning and promote this as a core distinction of education at UHM. (CFRs 1.1, 1.5, 4.1)

Given the above, the Commission acted to:

1. Receive the Educational Effectiveness Review report and reaffirm the accreditation of the University of Hawai‘i at Manoa.

2. Schedule UHM’s next comprehensive review visit for spring 2021. As you know, the Commission is in the process of considering major revisions to the current three-stage institutional review process. It expects those revisions to be adopted by June 2012 and implemented during the following two years. Once the revised process is adopted, WASC staff
will communicate with you and your ALO to explain the impact of any changes on your next comprehensive review and on the interactions you may have with WASC before that review.

3. Request an Interim Report to be due on March 1, 2015. This report should address changes in the campus as a result of the 2011-2015 strategic plan; progress in raising undergraduate retention and graduation rates and in increasing the number of students receiving bachelor's degrees; progress in articulating the learning outcomes for a bachelor's degree from UHM; and progress in enhancing the University as a Hawaiian Place of Learning, including updates on hiring of faculty.

In taking this action to reaffirm accreditation, the Commission confirms that the University of Hawai‘i at Manoa has satisfactorily addressed the Core Commitments to Institutional Capacity and Educational Effectiveness, and has successfully completed the three-stage review conducted under the Standards of Accreditation. Between this action and the time of the next review, the institution is expected to continue its progress, particularly with respect to educational effectiveness and student learning.

In accordance with Commission policy, copies of this letter will be sent to the chair of the University of Hawai‘i governing board and President M.R.C. Greenwood in one week. The Commission expects that the team report and this action letter will be widely disseminated throughout the institution to promote further engagement and improvement, and to support the institution's response to the specific issues identified in them.

Finally, the Commission wishes to express its appreciation for the extensive work that the University undertook in preparing for and supporting this accreditation review. WASC is committed to an accreditation process that adds value to institutions while assuring public accountability, and we are grateful for your continued support of our process. Please feel free to contact me if you have any questions about this letter or the action of the Commission.

Sincerely,

[Signature]

Ralph A. Wolff
President

RW/bgd

cc: Linda Johnsrud, Commission Chair
    Reed Dassenbrock, ALO
    Howard H. Karu, Board Chair
    M.R.C. Greenwood, President, University of Hawai‘i System
    Members of the EER team
    Barbara Gross Davis
II.2.2. Professional Degrees and Curriculum

The School of Architecture at the University of Hawaii at Manoa has structured its program to award the professional Doctor of Architecture (D.Arch.) degree in accordance with the requirements of the National Architectural Accrediting Board. There are two NAAB approved tracks leading to the professional D.Arch. Degree at UHM; a 90 semester hour track for program for students with an approved undergraduate pre-professional degree, and a 108 semester hour track for students with an approved undergraduate degree other than a pre-professional degree. The curriculum for the Dual-Degree Program with Tongji University, a subset of the 90 semester credit hour professional D.Arch. program, is also listed as required.

**DOCTOR OF ARCHITECTURE DEGREE (D.Arch.)** 90 semester hour credits
Professional degree program for students with an approved undergraduate pre-professional degree (90 graduate-level semester credit hours in professional studies/electives). Accreditation is sought for this degree.

**Year 1 (Fall) 18 credits**
ARCH 541 Architecture Studio II (6) Design of a medium complexity building and site engaging social, cultural, codes, building systems, and sustainable design. Production of program and schematic design documents. Individual projects. ARCH majors only. A-F only. Pre: 540.

ARCH 533 Advanced Design Communication II (3) An interdisciplinary investigation of design theory as connected to digital technology and its applications to current developments in practice and research within architecture and design. ARCH majors only. A-F only. Pre: 531.

ARCH 523 Architecture Systems II: Wood and Steel (3) Properties, evolution, and range of wood and steel and their use in structural systems and the ability to assess, select design, and integrate structural systems into building design. ARCH majors only. A-F only. Pre: 522.

ARCH 515 Asia-Pacific Architectural History and Theory (3) Study of the history and theory of culture and the built environment with particular focus on the Asia-Pacific region. ARCH majors only. A-F only. Pre: 571.

ELEC 5XX/6XX - - (3): Open University Elective

**Year 1 (Spring) 18 credits**
ARCH 542 Architecture Studio III (6): Design of complex, large scale building and site engaging social, cultural, code, sustainable systems, and acoustic issues. Production of schematic and design development documents. ARCH majors only. A-F only. Pre: 523, 533, and 541.

ARCH 524 Architecture Systems III: Concrete and Masonry (3): Properties, evolution, and range of masonry, concrete and advanced composites and their use in structural systems and the ability to assess, select design, and integrate structural systems into building design. ARCH majors only. A-F only. Pre: 523.

ARCH 525 Architecture Systems IV: Sustainability (3): Qualitative and quantitative investigation of sustainable building systems with emphasis on integrated high-performance building design and operation, innovative mechanical systems, resource conservation, and renewable energy systems. ARCH majors only. A-F only. Pre: 523

ARCH 539 Research Methods Seminar (3): Comprehensive assessment of objectives and function of research in architecture. Lecture, seminar, independent work with emphasis on doctorate project topic and proposal development. ARCH majors only. A-F only. Pre: 515 and 541

ARCH 5XX/6XX - - (3): Architecture Elective
**Year 2 (Fall) 18 credits**


ARCH 526 Architecture Systems V: Integration (3): Properties, evolution, and range of building materials, assemblies, and systems and their applications in integrated high-performance building design with a focus on the role of detail and systems in the design process. ARCH majors only. A-F only. Pre: 515, 524, 525, and 542.

ARCH 545 Advanced Practice (3): Comprehensive study of architectural practice investigating architect’s response to global forces, including entrepreneurial practice, office organization, project delivery, compensation, and construction law. ARCH majors only. A-F only. Pre: 515, 524, 525, and 533.

ARCH 516 Architecture and Urban Design Theory (3): Detailed investigation of major theories in architecture and urban design and examination of their impact on contemporary architectural practice in varied geo-political contexts. Open to non-majors. A-F only. Pre: 515.

**ARCH 5XX/6XX - (3): Architecture Elective**

**Year 2 (Spring) 12 credits**


ARCH 546 Doctorate Project I (6): Individual development of a doctorate project with an approved chair and doctorate project committee that advances architectural knowledge through research, scholarship, and design. Repeatable three times. ARCH majors only. A-F only. Pre: 515, 516, 526, and 545. (Spring only)

**ARCH 5XX/6XX - (3): Architecture Elective**

**Year 3 (Fall) 12 credits**

ARCH 547 Professional Studio V (12): Scholarly and research activity combined with professional experience occurring in an off-campus location. (C) community design; (E) alternative; (P) practicum. Repeatable three times. ARCH majors only. A-F only. Pre: 543, 545, and 546.

**Year 3 (Spring) 12 credits**

ARCH 548 Doctorate Project II (6): Individual development of a doctorate project with an approved committee that advances architectural knowledge through research, scholarship, design, and engages theoretical and architectonic propositions. ARCH majors only. A-F only. Pre: 547C or 547E or 547P. (Spring only)

**ARCH 5XX/6XX - (3): Architecture Elective**

**ARCH 5XX/6XX - (3): Architecture Elective**
A special aspect of the D.Arch. program is the incorporation of the Professional Studio into the course of graduate study. Each student completes a full semester in a monitored, research-oriented professional experience setting ….. either Practicum at an architectural firm, a community outreach project led by a practitioner/educator, or a special professional research project proctored by a research faculty member ….. aimed at better preparing them for the professional field they have selected.
D.ARCH. GLOBAL TRACK : CHINA FOCUS 90 semester hour credits
(Dual Degree Program with Tongji University (M.Arch.---Tongji, D.Arch.---UHM)
Professional degree program for students with an approved pre-professional or professional
degree in Architecture (three-year Global Track/China Focus program resulting in a Master of
Architecture degree from Tongji University in Shanghai and a Doctor of Architecture degree from
the University of Hawai‘i). Requires resident studies at both universities. Program to begin in Fall
2012. Accreditation is sought for the D.Arch. degree only.

Year 1 (Fall) 15 credits
ARCH 541 Architecture Studio II (6): Design of a medium complexity building and site engaging social,
cultural, codes, building systems, and sustainable design. Production of program and schematic design

ARCH 533 Advanced Design Communication II (3): An interdisciplinary investigation of design theory as
connected to digital technology and its applications to current developments in practice and research
within architecture and design. ARCH majors only. A-F only. Pre: 531.

ARCH 523 Architecture Systems II: Wood and Steel (3): Properties, evolution, and range of wood and
steel and their use in structural systems and the ability to assess, select design, and integrate structural
systems into building design. ARCH majors only. A-F only. Pre: 522.

ARCH 516 Architecture and Urban Design Theory (3): Detailed investigation of major theories in
architecture and urban design and examination of their impact on contemporary architectural practice in
varied geo-political contexts. Open to non-majors. A-F only. Pre: Graduate Status.

Year 1 (Spring) 15 credits
ARCH 542 Architecture Studio III (6): Design of complex, large scale building and site engaging social,
cultural, code, sustainable systems, and acoustic issues. Production of schematic and design
development documents. ARCH majors only. A-F only. Pre: 523, 533, and 541.

ARCH 524 Architecture Systems III: Concrete and Masonry (3): Properties, evolution, and range of
masonry, concrete and advanced composites and their use in structural systems and the ability to
assess, select design, and integrate structural systems into building design. ARCH majors only. A-F only.
Pre: 523.

ARCH 525 Architecture Systems IV: Sustainability (3): Qualitative and quantitative investigation of
sustainable building systems with emphasis on integrated high-performance building design and
operation, innovative mechanical systems, resource conservation, and renewable energy systems. ARCH
majors only. A-F only. Pre: 523

ARCH 539 Research Methods Seminar (3): Comprehensive assessment of objectives and function of
research in architecture. Lecture, seminar, independent work with emphasis on doctorate project topic
and proposal development. ARCH majors only. A-F only. Pre: 516 and 541.

Year 1 (Summer) 6 credits (required to be in China for UHM students)
ARCH 547T Professional Studio: China (6): Scholarly and research activity combined with professional
experience occurring in an off-campus location. (C) community design; (E) alternative; (P) practicum. A-F
only. Pre: 542.
Year 2 (Fall) 12 credits (Tongji University)
ARCH 526 Architecture Systems V: Integration (3): Properties, evolution, and range of building materials, assemblies, and systems and their applications in integrated high-performance building design with a focus on the role of detail and systems in the design process. ARCH majors only. A-F only. Pre: 515, 524, 525, and 542.
ARCH 546C Doctorate Project I (3): China: Individual development of a doctorate project with an approved chair and doctorate project committee that advances architectural knowledge through analysis, research, scholarship, and design. (C) China, (G) Global, (H) Hawaii. A-F only. Pre/Co: 547T

CHINESE LANGUAGE- (3)

Year 2 (Spring) 12 credits (Tongji University)
ARCH 546G Doctorate Project I (3): Global: Individual development of a doctorate project with an approved chair and doctorate project committee that advances architectural knowledge through analysis, research, scholarship, and design. (C) China, (G) Global, (H) Hawaii. A-F only. Pre: 547C.
ARCH 515 Asia-Pacific Architectural History and Theory (3): Study of the history and theory of culture and the built environment with particular focus on the Asia-Pacific region. ARCH majors only. A-F only. Pre: Graduate Status

CHINESE CULTURE - (3)

Year 2 (Summer) 6 credits (optional for UHM students; required for Tongji students)
ARCH 547B Professional Studio: Business (6): Scholarly and research activity combined with professional experience occurring in an off-campus location. (C) community design; (E) alternative; (P) practicum. A-F only. Pre: 543.

Year 3 (Fall) 15 credits
ARCH 550G Architecture Studio: Global (6): Urban design focused on investigating social, cultural, political, and technological factors; study of historical precedents, building/block typology, circulation, infrastructure, and context response; (C) China, (G) Global. A-F only. Pre: 550C
ARCH 545 Advanced Practice (3): Comprehensive study of architectural practice investigating architect’s response to global forces, including entrepreneurial practice, office organization, project delivery, compensation, and construction law. ARCH majors only. A-F only. Pre: 524 and 533.
ARCH 5XX/6XX - - (3): Architecture Elective
ARCH 5XX/6XX - - (3): Architecture Elective
**Year 3 (Spring) 15 credits**

ARCH 548 H Doctorate Project II (6): Individual development of a doctorate project with an approved committee that advances architectural knowledge through research, scholarship, design, and engages theoretical and architectonic propositions. ARCH majors only. A-F only. Pre: 547C, 547P or 547E.

ARCH 555 Advanced Global Practice (3): Comprehensive study of architectural practice investigating architect’s response to global forces, including entrepreneurial practice, office organization, project delivery, compensation, and construction law. ARCH majors only. A-F only. Pre: 545

ARCH 5XX/6XX - - (3): Architecture Elective

ARCH 5XX/6XX - - (3): Architecture Elective
DOCTOR OF ARCHITECTURE DEGREE (D.Arch.) 108 semester hour credits

Professional degree program for students with an approved undergraduate non-architecture degree (108 graduate-level semester credit hours in professional studies/electives). Accreditation is sought for this degree.

Pre-Entry Year (Fall)
ARCH 201 Architecture Studio (4) Development of designs and processes to explore solutions responding to human needs in the built and natural environment with emphasis on analysis and representation architectonic space and form using hand and computer techniques. A-F only (Required if suitable portfolio not submitted)

Pre-Entry Year (Spring) 18 credits
ARCH 540 Architecture Studio I: Intro to Design (6) Design theories and systematic analytic and synthetic methodologies applied to creation of building and site spaces responsive to environmental and human needs. Several individual projects. ARCH majors only. A-F only. Pre: departmental approval.

ARCH 531 Advanced Design Communication I (3) Exploration of digital technologies, their relationship to design, and their application to architectural analysis, conceptualization, design processes, communication, representation, and construction. ARCH majors only. A-F only. Pre: departmental approval.

ARCH 522 Architecture Systems I: Introduction to Systems (3) Study of building materials, assemblies, and integrated design including structural, environmental, life-safety, and building envelope systems. Development of ability to design, analyze and assess appropriate systems. ARCH majors only. A-F only. Pre: departmental approval.

ARCH 571 Architecture History (3) Investigation of architectural history and theory in the world from antiquity to present. Examining social, political, technological, material, and environmental forces. ARCH majors only. A-F only. Pre: departmental approval.

ART 113 or 213 (3), MATH 140 (3), PHYSICS 151-L (4) or ARCH 5/6—elective: as required by program

Year 1 (Fall) 18 credits
ARCH 541 Architecture Studio II (6) Design of a medium complexity building and site engaging social, cultural, codes, building systems, and sustainable design. Production of program and schematic design documents. Individual projects. ARCH majors only. A-F only. Pre: 540.

ARCH 533 Advanced Design Communication II (3) An interdisciplinary investigation of design theory as connected to digital technology and its applications to current developments in practice and research within architecture and design. ARCH majors only. A-F only. Pre: 531.

ARCH 523 Architecture Systems II: Wood and Steel (3) Properties, evolution, and range of wood and steel and their use in structural systems and the ability to assess, select design, and integrate structural systems into building design. ARCH majors only. A-F only. Pre: 522.

ARCH 515 Asia-Pacific Architectural History and Theory (3) Study of the history and theory of culture and the built environment with particular focus on the Asia-Pacific region. ARCH majors only. A-F only. Pre: 571.

ELEC 5XX/6XX - - (3): Open University Elective
**Year 1 (Spring) 18 credits**
ARCH 542 Architecture Studio III (6): Design of complex, large scale building and site engaging social, cultural, code, sustainable systems, and acoustic issues. Production of schematic and design development documents. ARCH majors only. A-F only. Pre: 523, 533, and 541.

ARCH 524 Architecture Systems III: Concrete and Masonry (3): Properties, evolution, and range of masonry, concrete and advanced composites and their use in structural systems and the ability to assess, select design, and integrate structural systems into building design. ARCH majors only. A-F only. Pre: 523.

ARCH 525 Architecture Systems IV: Sustainability (3): Qualitative and quantitative investigation of sustainable building systems with emphasis on integrated high-performance building design and operation, innovative mechanical systems, resource conservation, and renewable energy systems. ARCH majors only. A-F only. Pre: 523.

ARCH 539 Research Methods Seminar (3): Comprehensive assessment of objectives and function of research in architecture. Lecture, seminar, independent work with emphasis on doctorate project topic and proposal development. ARCH majors only. A-F only. Pre: 515 and 541.

ARCH 5XX/6XX - - (3): Architecture Elective

**Year 2 (Fall) 18 credits**

ARCH 526 Architecture Systems V: Integration (3): Properties, evolution, and range of building materials, assemblies, and systems and their applications in integrated high-performance building design with a focus on the role of detail and systems in the design process. ARCH majors only. A-F only. Pre: 515, 524, 525, and 542.

ARCH 545 Advanced Practice (3): Comprehensive study of architectural practice investigating architect’s response to global forces, including entrepreneurial practice, office organization, project delivery, compensation, and construction law. ARCH majors only. A-F only. Pre: 524, 525, and 533.

ARCH 516 Architecture and Urban Design Theory (3): Detailed investigation of major theories in architecture and urban design and examination of their impact on contemporary architectural practice in varied geo-political contexts. Open to non-majors. A-F only. Pre: 515.

ARCH 5XX/6XX - - (3): Architecture Elective

**Year 2 (Spring) 12 credits**

ARCH 546 Doctorate Project I (6): Individual development of a doctorate project with an approved chair and doctorate project committee that advances architectural knowledge through analysis, research, scholarship, and design. Repeatable three times. ARCH majors only. A-F only. Pre: 515, 516, 526, and 545. (Spring only)
Year 3 (Fall) 12 credits
ARCH 547 Professional Studio (12): Scholarly and research activity combined with professional experience occurring in an off-campus location. (C) community design; (E) alternative; (P) practicum. Repeatable three times. ARCH majors only. A-F only. Pre: 543, 545, and 546.

Year 3 (Spring) 12 credits
ARCH 548 Doctorate Project II (6): Individual development of a doctorate project with an approved committee that advances architectural knowledge through research, scholarship, design, and engages theoretical and architectonic propositions. ARCH majors only. A-F only. Pre: 547C or 547E or 547P. (Spring only)

ARCH 5XX/6XX - - (3): Architecture Elective
ARCH 5XX/6XX - - (3): Architecture Elective

A special aspect of the D.Arch. program is the incorporation of the Professional Studio into the course of graduate study. Each student completes a full semester in a monitored, research-oriented professional experience setting ….. either Practicum at an architectural firm, a community outreach project led by a practitioner/educator, or a special professional research project proctored by a research faculty member ….. aimed at better preparing them for the professional field they have selected.
Pre-Professional (Academic) Degree (currently 120 semester-hour Bachelor of Arts in Independent Studies; minimum 45 semester credit hours in non-architecture general studies. Accreditation is not sought for this degree. It is included for information only).

The current pre-professional undergraduate degree program at UHM, administered in partnership with the College of Arts and Sciences, emphasizes the interdisciplinary nature of architecture and provides a liberal arts and sciences education that takes full advantage of the greater University setting. An entering undergraduate student interested in architecture may currently choose from one of six undergraduate concentrations leading to the Bachelor of Arts in Interdisciplinary Studies (Environmental Design):

1. Construction Management: courses in Architecture, Civil Engineering, Management, Business, and Accounting.
4. Landscape Design: courses in Architecture, Botany, Tropical Agriculture, Planning, and Geography.

Each of these concentrations requires a minimum of 45 semester hours of general (non-architecture) studies. The School has made application for a new pre-professional degree, the Bachelor of Environmental Design, to serve as the primary undergraduate pre-professional degree (non-professional), which will also include a minimum of 45 semester hours of general studies, as required by NAAB. This degree should be approved by the Fall semester of 2012. Accreditation is not sought for this degree.
### University of Hawaii Manoa, School of Architecture

**Bachelor of Arts in Interdisciplinary Studies [Existing - Requires approval of Interdisciplinary Studies]**

**Bachelor of Environmental Design [PENDING Reviews and Approval; anticipated start Fall 2012]**

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<tr>
<th>Student Name</th>
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#### Architecture Program Concentrations

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<th>University Core</th>
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<td>ARCH 102 (3)</td>
<td>TECHN 102 (4)</td>
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- **Declare Architecture Studies Concentration no later than beginning of Fall of 3rd Year**

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<tr>
<th>UE</th>
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#### University of Hawaii Manoa, School of Architecture

**CONCENTRATION Coursework - 8 total required courses**

Select ONE Concentration Area from those listed below

- **Construction Management Concentration**
  - Required Coursework
    - ARCH 600 Special Topics: Construction
  - Four semester courses in the Colleges of Arts and Sciences in at least two of these departments, one must satisfy the DS Core requirement of General Education
  - Two additional Architecture Electives at the 300 or 400 level

- **Historic Preservation Concentration**
  - Required Coursework
    - ARCH 471 Historical Architecture Design Seminar
  - Four semester courses in the Colleges of Arts and Sciences in at least two of these departments, one must satisfy the DS Core requirement of General Education
  - Two additional Architecture Electives at the 300 or 400 level

- **Interior Design Concentration Required Coursework**
  - Required Coursework
    - ARCH 461 Introduction to Interior Architecture
  - Four semester courses in the Colleges of Arts and Sciences in at least two of these departments, one must satisfy the DS Core requirement of General Education
  - Two additional Architecture Electives at the 300 or 400 level

- **Architecture Design Concentration Required Coursework**
  - Required Coursework
    - ARCH 460 Special Topics: LEED
  - Four semester courses in the Colleges of Arts and Sciences in at least two of these departments, one must satisfy the DS Core requirement of General Education
  - Two additional Architecture Electives at the 300 or 400 level

- **Landscape Design Concentration Required Coursework**
  - Required Coursework
    - TPIC 202: Studio: Theory, Design, and Practice in Landscape Architecture
  - Four semester courses in the Colleges of Arts and Sciences in at least two of these departments, one must satisfy the DS Core requirement of General Education
  - Two additional Architecture Electives at the 300 or 400 level

- **Urban Design Concentration Required Coursework**
  - Required Coursework
    - ARCH 463 Construction Management (AS Third College)
  - Four semester courses in the Colleges of Arts and Sciences in at least two of these departments, one must satisfy the DS Core requirement of General Education
  - Two additional Architecture Electives at the 300 or 400 level

All USU Marine General Education Requirements must be accomplished by the end of year 2. See specific requirements in USU Catalog.

**Foundation Requirements:** 12 credits, to be completed in the first year at USU or prior to completing 15 credits.

**Writing Requirements:** BWA 105/106 (5 credits), Research Writing (6 credits) and Multicultural Perspectives (3 credits), 12 credits.

**Focusing Requirements:** 13 credits.

**DN, DR, DP, HM, LT, MB**: 11 credits

**DS, DP, LL, MB, MT, SC, S**: 12 credits

**DS, DR, DP, LL, MB, MT, SC, S**: 12 credits

**DS, DR, DP, LL, MB, MT, SC, S**: 12 credits
II.2.3. Curriculum Review and Development

The School Curriculum Committee is chaired by the Director of Professional Programs and the Director of Undergraduate Programs. The Committee includes members of the faculty and staff, and annually evaluates input from studio post-mortem sessions held at the end of every semester, bi-monthly faculty meetings, monthly Faculty Senate meetings, yearly portfolio reviews, outside and adjunct professional advisors, input from the Dean’s Talk Story sessions, and student comments on course evaluations. The post-mortem session to evaluate studio work also has included a “mock-up NAAB visit” in which the faculty evaluates whether the Comprehensive Studio (ARCH 544) has met all the assigned NAAB SPCs.

In addition, the School arranges occasional Faculty Retreats to address occurring changes either in the profession or architectural education. These have included the annual faculty retreat in the beginning of each academic year; the re-assessment of the objectives, course descriptions, Student Learning Outcomes and NAAB Student Performance Criteria for the whole curriculum (Spring-Fall 2008); series of Strategic Planning sessions with a professional facilitator (January-February 2010); and most recent brainstorming on the mission, goals and contents of the undergraduate studies of the 4+3 program structure (Spring 2012).

The Curriculum Committee considers the results of this recurring self-evaluation against the backdrop of the current Strategic Plan, special faculty task forces, and current University and NAAB requirements, all of which deal with the long-range planning for the School. Special attention is paid to the horizontal and vertical curriculum coordination between the theory classes and design studios, both in and between the undergraduate level classes and those on the graduate level. The Committee then proposes changes to the curriculum reflecting the pedagogical direction of the program. Major changes in the curriculum are voted on by the faculty.

Part Two (II): Section 3- Evaluation of Preparatory/Pre-Professional Education

All students are evaluated using the specific program charts for entering students into the Professional Program. All required coursework is noted on these charts. The session to determine coursework is completed before entry by the Director of the Professional Program and the student. Some students request this meeting before formal acceptance.

For students coming from the UHM School of Architecture undergraduate program, the faculty at large evaluates the success of the SPC assigned to each class at the end of every semester. The SPC assigned to the Undergraduate coursework that is expected to be met at the undergraduate level are SPC A2, A6, A8, A9. These SPC are evaluated in the required portfolio review.

Students who come from other undergraduate pre-professional programs are evaluated for the SPC in their portfolio submittal in the application process, as well as information (testing, papers) for A9 in their undergraduate coursework. If any of the SPC are not confirmed in the submittals, additional coursework from the Accelerated semester is assigned as an additional requirement. Undergraduate coursework in Pre-calculus and Physics is also required. If not met in the undergraduate program, it is a required before the beginning of the graduate systems sequence.

Students entering with a non-pre-professional undergraduate degree are required to enter the school during the Spring semester to take the Accelerated semester coursework. The Accelerated semester coursework is determined by the Portfolio submittal, most students take all the required classes. Accelerated SPC are A2, A6, A8, A9. Introduction of systems and communication skills is also done during the Accelerated semester but the SPC are met in the professional program.
Part Two (II): Section 4

The School of Architecture UHM website is undergoing a complete reconstruction to improve accessibility, content and clarity. The new website (anticipated completion date 1 July 2012) will include the following sections, providing easy access to information about the program:

List of URLs for web pages

News + Events
http://www.arch.hawaii.edu/sitemap.html#news-events

  School News
  http://www.arch.hawaii.edu/sitemap.html#news

  Lecture Series
  http://www.arch.hawaii.edu/sitemap.html#lectures

Calendar of Events
http://www.arch.hawaii.edu/sitemap.html#events

Publications + Awards
http://www.arch.hawaii.edu/sitemap.html#publications-awards

Follow us on Facebook + Twitter
http://www.arch.hawaii.edu/sitemap.html#followUs

About
http://www.arch.hawaii.edu/sitemap.html#about

  Dean’s Message
  http://www.arch.hawaii.edu/sitemap.html#dean

    Welcome
    http://www.arch.hawaii.edu/sitemap.html#welcome

    Vision + Mission
    http://www.arch.hawaii.edu/sitemap.html#vision-mission

    Core Values
    http://www.arch.hawaii.edu/sitemap.html#values

The School
http://www.arch.hawaii.edu/sitemap.html#school

  Overview
  http://www.arch.hawaii.edu/sitemap.html#school-overview

  Accreditation
    - NAAB Statement on accredited degree(s)
    - The 2009 NAAB Conditions for Accreditation
    - The NAAB Procedures for Accreditation
    - NAAB Annual Progress Reports
    - NAAB Responses to the Annual Report
    - Final Decision Letter from NAAB
    - Most recent APR
    - Most recent Visiting Team Report
Research + Resources

http://www.arch.hawaii.edu/sitemap.html#research-resources

Construction Process Innovation Laboratory
http://www.arch.hawaii.edu/sitemap.html#cpiLab

Environment Research Design Laboratory
http://www.arch.hawaii.edu/sitemap.html#erdLab

Heritage Center
http://www.arch.hawaii.edu/sitemap.html#heritage

Alternative Campus of the Future Research Group
http://www.arch.hawaii.edu/sitemap.html#acfrg

Community Design Center
http://www.arch.hawaii.edu/sitemap.html#cdc

Digital Fabrication Services
http://www.arch.hawaii.edu/sitemap.html#dfs

Fabrication Workshop
http://www.arch.hawaii.edu/sitemap.html-fw

The John & Maria Lynn Reading Room
http://www.arch.hawaii.edu/sitemap.html#readingRoom

The Haigo and Irene Shen Architecture Gallery
http://www.arch.hawaii.edu/sitemap.html#theGallery

AIAS
http://www.arch.hawaii.edu/sitemap.html#aias2

Tutorials
http://www.arch.hawaii.edu/sitemap.html#tutorials

Career Development Information
http://www.arch.hawaii.edu/sitemap.html#careerDev

www.ARCHCareers.org

The NCARB Handbook for Interns and Architects

Toward an Evolution of Studio Culture

The Emerging Professional’s Companion

www.NCARB.org

www.aia.org

www.aias.org

www.acsa-arch.org

Licensure Information

http://www.arch.hawaii.edu/sitemap.html#licensure

Architecture Registration Exam (ARE)

http://www.ncarb.org/are.aspx

-Pass Rates of (ARE) Exam

List and publicly accessible location of required documents (Part Two (II): Section 4) not on web

Faculty Appointment Promotion and Tenure Guidelines Office of the Dean

Part Three (III) - Progress Since the Last Site Visit

NAAB Team visits are a consequential external assessment that can inform and energize the self-assessment program, and the School has looked closely at the areas of concern and un-met expectations from the latest visit.

Responses to Conditions “Not Met”

Condition 3- Public Information: The 2007 Visiting Team found that, although the SOA had complied with the requirements of the previous (2001) visiting team, the description of the program in the 2007 literature did not conform to NAAB standards, as the “Arch D.” degree title used to identify the program was not in compliance with the NAAB Conditions for Accreditation.

Focused Evaluation, October 2009: The Team found that Condition 3 - Public Information was now “Met.” The official title of the accredited degree has been changed to Doctor of Architecture, which is in compliance with current NAAB nomenclature requirements, and is so identified in all of the literature. All literature has now been updated to reflect the 2009 Condition for Public Information.

Condition 10- Financial Resources: The 2007 Visiting Team found that, although the budget allocation was adequate to support the program, dollar per student expenditures were considerably lower than three of the five comparison programs listed. It was noted that appointment of SOA financial staff by the University without input from the School had resulted in the School not receiving “timely or complete information” to assist in forecasting, planning, managing and tracking expenses. A lack of organized and documented procedures for travel, as well as slow reimbursement of expenses was also noted. In short, financial management and development activities in the School were inadequate in terms of ongoing financial management, and in terms of being able to support development, such as a request for funding of currently unfunded faculty lines.

Focused Evaluation, October 2009: The team found that Condition 10- Financial Resources was still “Not Met.” Although the team felt issues of non-recurring expenses and lack of a dedicated part-time development officer had been satisfactorily resolved by the University, there were still inadequate financial support staff/policies to permit appropriate ongoing program management and planning, and there was no evidence that the D.Arch. program annual budget allocation was adequate to meet the growing needs of the program. The Team noted that more classes were offered through the Outreach College, with higher tuition, that the tuition for the graduate program would be increased, that sponsored studios were being offered, that fund-raising by the advisory council had begun, and that a half time development officer was on board. The team seemed to express concern, however, that one semester of the Practicum course had apparently fallen victim to financial concerns.
SCHOOL RESPONSE

With financial challenges throughout the State and the University system, it is likely most areas of higher education must look beyond funding from the State Legislature to meet the current and future demands of a professional education. The School of Architecture is no exception. Beginning in fall, 2007, the School, with approval at the President's level, began utilizing Outreach tuition for courses taught off campus. Because courses were offered off campus for both the Practicum and the Community Design Studio, some additional resources began to flow into the School to support areas in need. At the same time, the curriculum was restructured to better make use of a small faculty which was very challenged to adequately staff a 7-year D. Arch. that included 14 semesters of studio. Introducing the concept of "superstudios" within the First Year and developing off campus opportunities certainly improved the fiscal life of the School. Additional savings (and investments) were made by closing the computer lab and enforcing the requirement for students to purchase laptops. The savings from the lab and student fees were, in turn, invested in plotters, laser cutters, 3D Printer, etc. Student fees were initiated in 2004 at $100/semester. The fees increased at a rate of $100/year/semester through 2009 when they reached their current rate of $500/semester. Even though financial resources were improving, the School of Architecture lost our Administrative Officer (fiscal/personnel) in 2008 and all fiscal and personnel issues were handled through central administration. Though the people we worked with were outstanding, the challenge of the additional work eventually became so great that the School was authorized to search for a new Administrative Officer. The new Administrative Officer has brought stability, timeliness, and added clarity to the fiscal operations of the School. As the School moves forward it will continue to develop based upon a model which does not depend on increasing State support. Therefore, emphasis will be placed upon good fiscal management of resources, investing in School priorities and recognize how to develop fiscal resources which support the School and University mission. Budget data is now readily accessible whenever needed for review or planning, the program is now on a firm financial footing, an experienced and dedicated Administrative Officer is managing finances on an ongoing basis, and the budget is supporting the program in spite of the down economy, as noted in Section I.2.4. It should also be noted that the decision to eliminate one semester of Practicum was a pedagogical decision made by the teaching faculty, and was not a decision base upon resource allocation.

Causes of Concern Addressed by the 2007 Visiting Team

School Response

Fiscal Resources: The team restated the need to resolve the budget deficit and processes for fiscal management. See the response to Condition 10 above.

Costs Associated with the Practicum: More affordable equivalent options have been added to the Professional Studio semester, and there are now two scholarships specifically earmarked to defray a good portion of the extra expenses incurred by those students selecting the Practicum.

Transparency and Selection Process for Practicum: The process for assigning students to their choice of Practicum office is now transparent. Professor Homer Williams, FAIA, currently manages the Practicum assignment process, and has had good success. It has, of course, been increasingly difficult to place students in the down economy, but virtually all students are placed with the firm they requested.

Degree of Change: The Dean and faculty agreed that the program should be consolidated and refined. It has been clarified with the adoption of the 4+3 D.Arch., and no major changes are planned for the next two years.
Interdisciplinary Concept: The current pre-professional BA(IS) degree is interdisciplinary in nature, and the projected BEnvd will be as well. The academic history of every student entering the professional D.Arch. program must include an inter-disciplinary degree, and the structure of the D.Arch. curriculum, especially in the Doctoral Project, encourages and enables each doctoral student to use the interdisciplinary resources of the institution and the region to good advantage.

Team Room: The Dean and both Program Directors attended NAAB sessions in preparation for the coming visit, and a larger and better organized team room is in preparation. The Directors and the NAAB Accreditation Committee has assembled a good range of student work from the current D.Arch. program.

Research Centers: The Research Centers of the School are performing exactly as they were envisioned to perform. They were begun by the faculty to support faculty research interests, and establish a grant-eligible entity for faculty and interested students to conduct research in architecturally-relevant areas. Recent projects by the Heritage Center and the Environmental Research and Design Lab are quite notable, and many students get a good start on their own research careers while participating in these faculty-directed endeavors.

Leadership and Collaborative Efforts: The Professional Practice course in the D.Arch. curriculum addresses the concept of the various styles of leadership in the profession and the community. Greater emphasis has been placed on the variety of opportunities within or related to a career in architecture. An increasing role for student assistants, 30 positions per semester, is evident throughout the School, and opportunities for exposure to a variety of professional role models occur through the Professional Studio courses, visiting faculty, lecturers, and community-based projects, reinforcing the classroom experience. There are many opportunities for students to participate in the governance of the School and to have input into their educational experience.

Information Resources: While it remains true that the primary architecture collection in Hamilton Library is across campus, that distance is not a major deterrent to use. Most graduate students have little difficulty checking out the research materials they need. The Sinclair Branch Library, immediately adjacent to the School, houses items placed on reserve by faculty members, and includes a large collection of A/V material. As noted elsewhere, the small but classic collection of the Architecture Reading Room is conveniently located within the School. The explosion of information available over the Internet and the rapid expansion of electronically-accessible library material from around the world, coupled with the requirement that every architecture student have a personal computer, has changed the way much information is accessed and exchanged on campus. The School has a faculty representative who assists the main library in acquisitions and collection management, manages the Architecture Reading Room, and informs students and faculty of new acquisitions by School email. A student assistant keeps regular school library "opened" hours.

STRENGTHS OF THE SCHOOL

The School has many strengths relative to the goals of NAAB, the mission of UHM and the preparation of students for the global practice of architecture in the 21st century. As one might expect, location is probably our greatest strength. While the tourist may see only blue skies, beaches and warm weather, the position of the School in the middle of the Pacific, midway between the U.S. Mainland and Asia, results in a diverse faculty and student body which cannot be found anywhere else in the world. This healthy cultural mix contributes to a well-developed understanding of global culture and a well-balanced lifestyle. The design studio is viewed as an important, integrative, holistic experience, but is not all-consuming. The incorporation of carefully monitored professional experience as an integral part of the program and excellent relations with the local architectural community are definite strengths of the
program. The current structure of the three/three-and-a-half year D.Arch. has addressed many of the previously-noted concerns, and the stable financial condition of the School bodes well for future progress that reflects the mission and goals of the program.

The School has capitalized on the unique opportunities that result from our unique identity and association between North America and Asia in the 21st century. Involvement in service to the institution and the local community has added stature and breadth to the program, and the establishment of strong ties with major universities and international architects in the Pacific region and Asia, including the unique Dual-Degree Program with Tongji University in China, has not only opened up many opportunities for study and dialogue in a global setting, but has prepared students well for global practice. Students and faculty regularly travel to Asia and the Pacific and are connected through both business and culture. Ties with major universities and international architects exemplify the School's Asian and Pacific relationship. This is most highly expressed within the globally innovative dual degree program with Tongji University in Shanghai, China.

Students studying in Hawai‘i also clearly understand the limitations of our planet. Building materials, books, clothing and food all arrive by ship or aircraft. With the cost of electric power surpassing 35¢/kwh, Hawai‘i has some of the most expensive electricity in the world. Students learn the meaning of sustainability as an integral part of their daily life. They understand how "paradise" can be lost through overdevelopment, lack of concern and irresponsibility…and not just in Hawai‘i. We are the most isolated school of architecture in the world which forces us to make GLOBAL CONNECTIONS!
APPENDIX 1

Faculty Matrix
<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Summary of expertise, recent research, or experience (limit 25 words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akiona, Randy</td>
<td>B.S. Civil Engineering and M.S. Civil Engineering/Construction Management</td>
</tr>
<tr>
<td>Anderson, Amy</td>
<td>Specializes in teaching design studio and also supervises independent and graduate research study at the School. An associate professor since 1996, her previous teaching experience includes ten years as an associate professor at Columbia University, and appointments as a visiting critic at Yale, Penn, Rice, MIT, RIT, and the University of Auckland.</td>
</tr>
<tr>
<td>Ashraf, Kazi</td>
<td>Ph.D. in Architecture, with focus on architectural and urban design theories; published works on architecture, urban design, and landscape architecture; selected practice for over 15 years. Chair, Kenneth Brown Asia-Pacific Architecture Award Program.</td>
</tr>
<tr>
<td>Bargun, Chris</td>
<td>Ph.D., M.Arch, B.Arch. 32+ years professional practice, several design awards, design studio instructor at six universities, managed a family-owned real estate development company.</td>
</tr>
<tr>
<td>Cho, Byoung Soo</td>
<td>M.Arch, M.Arch Urban Design; Visiting Critic, Harvard University, 2006; Associate Professor, Montana State University, 1999-2004; Visiting Professor, Yonsei University, 1998-1999, 2004.</td>
</tr>
<tr>
<td>Clifford, Janine</td>
<td>M.Arch, University of Hawaii; MDesS (with Distinction), Harvard University; DDes, Harvard University. Teaching at UH since 2007 to present.</td>
</tr>
<tr>
<td>Kaufman, Andy</td>
<td>Ph.D., American Society of Landscape Architects.</td>
</tr>
<tr>
<td>Lennéweber, Michael</td>
<td>Firm Principal for 25 years in design-focused architectural firm. Community leader in many civic organizations.</td>
</tr>
<tr>
<td>Lennéweber, Spencer</td>
<td>Internationally recognized AIA architect; national design awards; jurors, UNESCO Asia Pacific Heritage Awards; FID (2012) expended in Indigenous History, Australian National University. leader in profession.</td>
</tr>
<tr>
<td>Llewelyn, Clark</td>
<td>M.Arch.; Director, Montana State and Professor Emeritus, 2007; Professor, Montana State, 1990-2007; Associate Professor Montana State, 1984-1990; Associate Professor, King Saud University, 1983-1984; Founding Director, Oregon School of Design, 1981-1985; Associate Professor and Chair Program Director, Portland State, 1979-1981.</td>
</tr>
<tr>
<td>Fall 2018</td>
<td>Faculty Member (last name)</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Long, Li</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Pellegrini, John</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Rinaldi, Giuseppe</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Taylor, Michael</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Zhang, Wei</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Zhao, Ya</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Zheng, Jun</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Zhou, Ming</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Zhen, Ya</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Zou, Wei</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

**Notes:**
- ARCH 596: Advanced Design Studio - Focus on Sustainable Design and Community Engagement.
- ARCH 598: Environmental Design - Sustainable Urban Design.
- ARCH 599: Environmental Science - Conservation and Restoration.
- ARCH 600: Sustainability - Integrating Sustainability into Design.
- ARCH 605: Modern Chinese Architecture - History and Theory of Modern Chinese Architecture.
<p>| Faculty Member                  | Summary of expertise, recent research, or experience (limit 25 words)                                                                                                                                                                                                 | ARCH 101 | ARCH 225 | ARCH 226 | ARCH 228 | ARCH 261 | ARCH 262 | ARCH 264 | ARCH 265 | ARCH 267 | ARCH 271 | ARCH 272 | ARCH 274 | ARCH 275 | ARCH 276 | ARCH 277 | ARCH 278 | ARCH 279 | ARCH 280 | ARCH 281 | ARCH 282 | ARCH 283 | ARCH 284 | ARCH 285 | ARCH 286 | ARCH 287 | ARCH 288 | ARCH 289 | ARCH 290 | CEE 473 | CEE 474 | CEE 475 |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Aiken, Randy                  | B.S. Civil Engineering, Cornell University and M.S. Civil Engineering/Construction Management                                                                                                                                                                         |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Anderson, Amy                 | Specializes in teaching design studio and also supervises independent and graduate research study at the School. An associate professor since 1996; her previous teaching experience includes ten years as an associate professor at Columbia University, and appointments as a visiting critic at Yale, Penn, Rice, MIT, RPI, and the University of Auckland. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Arnold, Lorafay               | M.Arch.; Taught 3 years of Interior Architecture at Chaminade.                                                                                                                                                                                                        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Ashraf, Kazi                  | Ph.D. in Architecture, with focus on architectural and urban design theories; published works on architecture, urban design, and landscape architecture; selected practice for over 15 years. Chair, Kenneth Brown Asia-Pacific Architecture Award Program.                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Bergum, Chris                 | 32+ years professional practice, several design awards, design studio instructor at six universities, managed a family owned real estate development company.                                                                                                          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Clifford, Janine              | B.Arch; MDesS, DDes; visiting faculty at Harvard in Urban Planning &amp; Design, Assistant Professor, UH since 2007; Firm Principal.                                                                                                                                  |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Hill, Steve                   | B.F.A. Furniture Design; M.F.A. Industrial Design; 25+ years experience in studio craft and major manufacturing environments, numerous design awards and two patents; ten years member and ultimately leader of design team for $500 million furniture manufacturing enterprise.                                                      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Ho, Cathi                     | Master of Architecture from UC Berkeley, BA in Architectural Aesthetics and Design (Urban Studies, Art + Arch History, ME &amp; CE). 7 years of teaching at the Univ. of Hawaii + Univ. of Ca.                                                                                                                                   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Faculty Member              | Summary of expertise, recent research, or experience (limit 25 words)                                      | ARCH 467 | ARCH 491 | ARCH 492 | ARCH 493 | ARCH 494 | ARCH 497 | ARCH 501 | ARCH 502 | ARCH 503 | ARCH 504 | ARCH 505 | ARCH 506 | ARCH 507 | ARCH 508 | ARCH 509 | ARCH 511 | ARCH 521 | ARCH 522 | ARCH 524 | ARCH 525 | ARCH 528 | ARCH 545 | ARCH 553 | CBE 572 | CBE 573 | CBE 575 | CBE 576 | CBE 577 | CBE 578 | CBE 579 |
|----------------------------|-------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Irvine, Kelly              | Internationally recognized FAIA architect; national design awards; junior UNESCO Asia Pacific Heritage Awards; PhD (2012) expected in Indigenous History Australian National University. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Llewellyn, Clark           | M.Arch.; Director, Montes State and Professor Emeritus, 2007; Professor, Montana State, 1989-2007; Associate Professor, Montana State, 1984-1986, Associate Professor, King Fahd University, 1984-1986; Founding Director, Oregon School of Design, 1981-1983; Associate Professor and Arch Program Director, Portland State, 1979-1981. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Meder, Stephen             | BFA, BFA Program (Design 3 yrs); M.Arch.; Arch D.; Director, Environmental Research and Design Laboratory; Director, Center for Smart Building and Community Design. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Mendosi, Fabrizo           |                                                                                                             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Mao, Pu                    | Expertise in architectural and urban design and theory; Chinese architecture; Recent research: localization of modernism in Asia Pacific, design in Asia high density urban context. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Myers, Glenn               | BS Civil Engineering; MS Civil Engineering; Ph.D. Civil Engineering; MBA. Licensed Structural and Civil Engineer; Firm Principal, Taught at UHM Dept of Civil Engineering, 1989-present and at UHM School of Architecture, 1996-present. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Noe, Joyce                 | MDesS degree with distinction from Harvard GSD in the area of professional practice with a focus on mentoring and collaborative learning. 20+ years of professional practice. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Onishi, Pat                |                                                                                                             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Patagi, Kris               | M.Arch., 10+ years professional practice, Chapter AIA design awards, Chapter AIA Design Juror, Coordinator Beginning Design Studio. Coordinator 3rd year Studio. |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |</p>
<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Summary of expertise, recent research, or experience (limit 25 words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Park, Hyoung June</td>
<td>&quot;Ph.D in Architecture, M. Arch with AIA Alumni Award., M.S. Design &amp; Computation with Corrison Award., Continuing academic activities published in leading international journals and the proceedings of international conferences in architecture and architectural computing.&quot;</td>
</tr>
<tr>
<td>Selly, Jason</td>
<td>B Arch, 10+ years professional practice, VP of USGBC Hawaii Chapter, Chairman of USGBC Hawaii Student Program – Green by Design Competition, Coordinator/director of Build Lightly Design/Build Studio</td>
</tr>
<tr>
<td>Yeh, Raymond</td>
<td>Former Dean of the UH M School of Architecture. Professional experience as principal of Yeh Studio Honolulu and Los Angeles.</td>
</tr>
<tr>
<td>Faculty Member (alpha order)</td>
<td>Summary of expertise, recent research, or experience (limit 25 words)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>Akiona, Randy</td>
<td>B.S. Civil Engineering, Cornell University and M.S. Civil Engineering/Construction Management.</td>
</tr>
<tr>
<td>Arnold, Loralee</td>
<td>M.Arch.; Taught 3 years of Interior Architecture at Champlain.</td>
</tr>
<tr>
<td>Ashraf, Kazi</td>
<td>Ph.D. in Architecture, with focus on architectural and urban design theories; published works on architecture, urban design, and landscape architecture; selected practice for over 15 years; Chair, Kenneth Brown Asia-Pacific Architecture Award Program.</td>
</tr>
<tr>
<td>Bergum, Chris</td>
<td>Ph.D. M.Arch, B.Arch. 32+ years professional practice, several design awards, design studio instructor at six universities, managed a family owned real estate development company.</td>
</tr>
<tr>
<td>Harms, Martin</td>
<td>Taught intermediate level design studio and related design and technology theory courses multiple times at 3 universities; 40+ years in practice teaching at 5 architecture schools</td>
</tr>
<tr>
<td>Lenzewer, Spencer</td>
<td>internationally recognized PAA architect, national design awards; juror UNESCO Asia Pacific Heritage Awards; PhD (2012 expected) in Indigenous History Australian National University, leader in profession.</td>
</tr>
<tr>
<td>Mia, Pu</td>
<td>Expertise in architectural and urban design and theory, Chinese architecture. Recent research localization of modernism in Asia Pacific, design in a high-density urban context.</td>
</tr>
<tr>
<td>Miyasato, Glenn</td>
<td>BS Civil Engineering, MS Civil Engineering. Ph.D. Civil Engineering, MBA. Licensed Structural and Civil Engineer, Firm Principal. Taught at UHMI Dept of Civil Engineering, 1989 to present and at UHMI School of Architecture, 1996 to present.</td>
</tr>
<tr>
<td>Noe, Joyce</td>
<td>My teaching focus areas have always been in design and professional practice. I earned the MDes degree with distinction from Harvard GSD in the area of professional practice with a focus on mentoring and collaborative learning.</td>
</tr>
<tr>
<td>Palagi, Kris</td>
<td>&quot;M. Arch. 19+ years professional practice, Chapter AIA design awards, Chapter AIA Design Juror, Coordinator Beginning Design Studio, Coordinator 3rd year Studio.&quot;</td>
</tr>
<tr>
<td>Faculty Member (alphabetical order)</td>
<td>Summary of expertise, recent research, or experience (limit 25 words)</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Akiona, Randy</td>
<td>B.S. Civil Engineering, Cornell University and M.S. Civil Engineering/Construction Management</td>
</tr>
<tr>
<td>Arnold, Lorelee</td>
<td>M.Arch.; Taught 3 years of Interior Architecture at Chaminade.</td>
</tr>
<tr>
<td>Ashraf, Kazi</td>
<td>Ph.D. in Architecture, with focus on architectural and urban design theories; published works on architecture, urban design, and landscape architecture; selected three times for the annual award from the Architectural Design Awards Program.</td>
</tr>
<tr>
<td>Bargum, Chris</td>
<td>32+ Ph.D. M.Arch, B.Arch, 32+ years professional practice, several design awards, design studio instructor at six universities, managed a family-owned real estate development company.</td>
</tr>
<tr>
<td>Ching, Jonathan</td>
<td>Recent B.Arch. Degree graduate of the UHM School of Architecture; first teaching experience.</td>
</tr>
<tr>
<td>Clifford, Janine</td>
<td>B.Arch.; MDesS., UBC; visiting faculty at Harvard in Urban Planning &amp; Design; Assistant, Associate Professor, UHM since 2007</td>
</tr>
<tr>
<td>Hill, Steve</td>
<td>B.F.A. Furniture Design; M.F.A. Industrial Design; 25+ years experience in studio craft and major manufacturing environments; numerous design awards and two patents; team member and ultimately leader of design team for $300 million furniture manufacturing enterprise.</td>
</tr>
<tr>
<td>Ho, Cathi</td>
<td>Master of Architecture from UC Berkeley, BA in Architectural Aesthetics and Design (Urban Studies, Art + Arch History, ME &amp; CE); 7 years of teaching at the Univ. of Hawaii + Univ. of Ca. Berkeley, Principal at AIA award-winning design firm.</td>
</tr>
<tr>
<td>Irvine, Kelly</td>
<td></td>
</tr>
<tr>
<td>Jones, Fadde</td>
<td>M.S. Architecture and Urban Design; 40+ years professional practice; seventeen chapter/state/national AIA design awards, coordinator/director for Beginning Design Studies at three universities.</td>
</tr>
<tr>
<td>Leinembauser, Spencer</td>
<td>Internationally recognized FAIA architect; national design awards; judge UNESCO Asia Pacific Heritage Awards; PhD (2012 expected) in Indigenous History Australian National University; leader in profession.</td>
</tr>
<tr>
<td>Faculty Member (alphabetical order)</td>
<td>Summary of expertise, recent research, or experience (limit 25 words)</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>-------------------------------------------------------------------</td>
</tr>
<tr>
<td>Sarvinski, Magi</td>
<td>Doctorate studies and degree, including classes in philosophy and research methodology; Personal experience in dissertation work; Personal experience in research; Experience in supervising doctorate candidates.</td>
</tr>
<tr>
<td>Schatz, Linda</td>
<td>Recent D Arch. Degree graduate of the UHM School of Architecture, first teaching experience.</td>
</tr>
<tr>
<td>Sally, Jason</td>
<td>B Arch, 10+ years professional practice, VP of USGBC Hawaii Chapter, Chairman of USGBC Hawaii Student Program - Green by Design Competitions, Coordinator of Build Lightly Design/Build Studio</td>
</tr>
<tr>
<td>Suman, Kim</td>
<td>Recent D Arch. Degree graduate of the UHM School of Architecture, first teaching experience.</td>
</tr>
<tr>
<td>Walters, Lance</td>
<td>Post-professional Masters of Architecture, competition entries, advanced work with digital media and tools, diverse professional practice design experience, various design awards and project contributions, various teaching and assistantship work.</td>
</tr>
<tr>
<td>Williams, Homer</td>
<td>Practice for 45 years with broad spectrum of project types throughout the USA and abroad, Received design awards and recognition in national publications. Founding Principal in four Architectural practices with complete office management responsibilities in each. Principal in both medium and large offices with complete responsibility for intern development and was former national chair of AIA/CARB's IDP committee.</td>
</tr>
<tr>
<td>Yeh, Raymond</td>
<td>Former Dean of the UHM School of Architecture. Professional experience as principal of YoNoStudio Honolulu and Los Angeles.</td>
</tr>
<tr>
<td>Yoon, Wesley Kawi Nui</td>
<td>Holds a B Arch. From the UHM School of Architecture. Teaching at Royal Hawaiian Academy of Traditional Arts from 2008 to present.</td>
</tr>
<tr>
<td>Zapka, Manfred</td>
<td>Professional work experience, 20+ years, as an engineer and technology / software consultant and educator; engaged in the development and integration of a wide range of low impact building development strategies and technologies; published on technical and systems aspects of energy and water technology.</td>
</tr>
</tbody>
</table>
APPENDIX 2
Faculty CVs
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Randall D. Akiona, Assistant Professor

Courses Taught, Fall 2010-Spring 2012
CEE 375  Construction Materials
CEE 472  Construction Management
CEE 471  Construction Methods, Building
CEE 476  Construction Planning & Scheduling
CEE 473  Construction Methods, Equipment Productivity
CEE 474  Construction Bidding & Estimating

Educational Credentials
B.S. Civil Engineering, Cornell University 1970
M.S. Civil Engineering/Construction Management, Stanford University 1971

Teaching Experience
UH at Manoa, School of Architecture, Aug 2006 to present
UH at Manoa, Civil Engineering Dept., Construction Management, August 1998 to Aug 2006

Professional Experience
Royal Contracting Co., Ltd., Project Manager/Engineer/Estimator, November 1983 to August 1998
Moses Akiona, Ltd., Estimator/Treasurer, August 1973 to June 1983
United States Army, Field Artillery Branch, 1972-73

Licenses/Registrations
E.I.T., 1971

Selected Publications/Awards, Recent Research
Hi Chang Chai Excellence in Teaching Award*, College of Engineering, University of Hawaii at Manoa, May 2001 & May 2005. (Best Teacher of the Year in each department in the College of Engineering, eligible only once every three years)

Professional Memberships
Member, GCA of Hawaii Education Committee
Member, AGC Education Committee
Vice-President, Chi Epsilon (National Civil Engineering Honor Society)
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Amy Anderson, Associate Professor

Courses Taught, Fall 2010-Spring 2012
ARCH 341 Intermediate Architecture Studio A
ARCH 371 Design Theory
ARCH 540 Introduction to Design

Educational Credentials
B.A. Wellesley College, 1973
M.Arch. Columbia University, 1978

Teaching Experience
Visiting Critic, Yale, Penn, Rice, MIT, RPI, and University of Auckland
Associate Professor, Columbia University
Associate Professor, University of Hawai’i Manoa

Professional Experience
A.I.T., Richard Meier, Architects
Architect, Mitchell-Giurgola Architects
Principal, Amy Anderson, Architect

Licenses/Registrations
Architect: New York, Hawai’i

Selected Publications/Awards, Recent Research (2007-2012)
Not available (Faculty on Family Leave)

Professional Memberships
None
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Kazi K. Ashraf, Associate Professor, University of Hawaii

Courses Taught (Two academic years prior to current visit)
ARCH 516 Architecture and Urban Design Theory
ARCH 541 Architecture Studio II
ARCH 543 Architecture Studio IV: Urban Design
ARCH 571 Architecture History
ARCH 690 Special Topics Seminar: Building, Site, Landscape

Educational Credentials
B.Arch., Bangladesh University of Engineering and Technology, Dhaka, 1984
S.M.Arch., Massachusetts Institute of Technology, 1989
Ph.D., University of Pennsylvania, 2001

Teaching Experience
Visiting professor at Pratt Institute, 1990-91, 2001
Visiting professor at Temple University, 2005-2006
Instructor, Drexel University, 1996-2000
Instructor, University of Pennsylvania, 1998-00
Assistant Professor, University of Hawaii, 2000-06
Associate Professor, University of Hawaii, 2006-present

Professional Experience
Selected private practice in Bangladesh, 1995-present

Selected Publications/Awards and Recent Research
Made in India, edited special issue of Architectural Design, John Wiley, 2007 (received the Pierre Vago Journalism Award from International Committee of Architectural Critics, CICA)
New Architecture, edited special issue of Jami', 2007
“This is not a building,” in Architectural Design, 2007
“Hometown: The City in the Post-National Landscape,” in Economic and Political Weekly (EPW), Vol. XLV, No. 41, October 9, 2010
“Designing Dhaka: The History of a Future,” in Dhaka 400 Years, Asiatic Society of Bangladesh, 2010
The Hermit’s Hut: Architecture and Asceticism in India (University of Hawaii Press), in press
The Idea and Practice of Hometown (with Jyoti Puri), in preparation

Various newspaper articles in The Daily Star (Dhaka), New Age (Dhaka), FORUM (Dhaka), Prothom Alo (Dhaka)

Professional Memberships/Associations
Member, Editorial Board, Journal of Architectural Education, Washington DC, 2008-10
Member, Editorial Board, ARCC Journal, The Architecture Research Centers Consortium (ARCC), 2008-present
Member, Advisory Committee, The Doris Duke House, Honolulu, 2003-present
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Christian O. Bergum, Visiting Associate Professor

Courses Taught, Fall 2010-Spring 2012
ARCH 271 World Architecture & Urbanism A
ARCH 320, 321, 322 Introduction to Architectural Systems A&B. Sustainable Systems
ARCH 522, 525, 526 Architectural Systems I, IV & V: Introduction, Sustainability, Integration
ARCH 542 Architectural Studio III
ARCH 551 Special Topics: Architectural Journalism & Criticism
ARCH 693 Special Topics in Architectural Design: Sustainable Elderly Housing
ARCH 699 Special Topics in History & Theory: Globalization

Educational Credentials
B.A. General Science, University of Oregon 1976
B. Arch, University of Oregon 1976
M. Arch, University of Washington 1978
Ph. D, Architecture, University of Pennsylvania 1981

Teaching Experience
Fulbright Professor, Architecture, University of Jordan, Amann 1981-82
Assistant Professor, Architecture, Montana State University 1982-86
Visiting Fellow, Architecture, Harvard University 1983-84
Fulbright Professor, Architecture, Israel, Jerusalem 1984-85
Assistant Professor, Architecture, University of Texas, Austin 1987-88
Associate Professor, Tenured, Architecture, Montana St. University 1988-92
Visiting Associate Professor, University of Hawaii – Manoa 2009-2012

Professional Experience
Intern, Daniellian Associates, Newport Beach, California, 1979-1980
Principal, Christian Bergum, AIA, Architecture Planning, Fullerton & Victorville, California 1980 - Present

Licenses/Registrations
NCARB Certificate and Registered Architect since 1980 (MT, CA)
Architect: California

Selected Publications/Awards, Recent Research (2007-2012)
Funded Research, Sustainable Low-Income Elderly Housing, Pahoa, Hawaii
Hope Services Hawaii and University of Hawaii Office of Research Services
Completed Conceptual Design, Proposed New School of Architecture, Linyi University, China
Completed Conceptual Design, University Business District, Master Plan, Hotel, Conference Center, Retail and Housing, Linyi University, China
Completed Conceptual Design, Master Plan for New Retirement Town Beichen District, Tianjin, China
Completed Conceptual Design, 248 unit, Multifamily Housing, City of Hesperia, California
Civic Design Award, Van Buren Retail & Office Center, Riverside California

Professional Memberships
American Institute of Architects
Society of Architectural Historians
Fulbright Alumni Association
Gerontological Society of America
FACULTY RESUME/QUALIFICATION

Name and Rank/Title
Janine S. Clifford, DDes, AIA/AICP/ASID, Associate Professor

Course Taught, Fall 2010-Spring 2012
ARCH 132 Design Communication
ARCH 415 Concentration Architecture Studio
ARCH 539 Research Methods Seminar
ARCH 541 Architecture Studio II
ARCH 543 Architecture Studio IV
ARCH 544-542 Architecture Studio V/III
ARCH 546 Doctorate Project I
ARCH 690 Special Topics Seminar – Urban Design Concepts

Educational Credentials
B.Arch, University of Hawaii at Manoa, 1984
MDesS (with Distinction), Harvard University, 2000
DDes, Harvard University, 2002

Teaching Experience
Visiting Faculty, Urban Planning & Design Dept., Harvard Design School, Harvard University, Cambridge, MA 2002-2005
Guest Lecturer, Dept. of Urban & Regional Planning, University of Hawaii at Manoa, April 2003
Associate Professor, School of Architecture, University of Hawaii at Manoa, 2007-2010
Assistant Professor, School of Architecture, University of Hawaii at Manoa, 2011
Adjunct Professor, School of Architecture, University of Hawaii at Manoa, 2011-Present

Professional Experience
Project Manager, Daniel Mann Johnson & Mendenhall, Tokyo, Japan 1984-1986
Project Manager, Richard Rice Architects, New York, NY 1985-1987
Senior Project Manager/Project Architect, Palffy & Associates, Tokyo, Japan 1988-1990
Vice President, Clifford Projects Inc., Honolulu, HI 1991-2001
President, Clifford Planning & Architecture LLC, Honolulu, HI 2002-Present

Licenses/Registration
Registered Architect – Hawaii; New York; New South Wales, Australia

Selected Publications and Recent Research
With Alex Krieger, AIA. Planning in Paradise: Urban Redevelopment Honolulu, Hawaii (Harvard University, 2003)
Planning in Paradise II: Urban Redevelopment – Honolulu, Hawaii (Harvard University, 2005)
With Patrick Onishi, AIA, Exploring Hawaii’s Transit Oriented Future (School of Architecture, University of Hawaii, 2008)

Professional Memberships
American Institute of Architects
American Institute of Certified Planners
American Society of Interior Designers
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Martin J. Harms, Visiting Professor

Courses Taught, Fall 2011
ARCH 100 Introduction to Environmental Design
ARCH 341 Intermediate Architecture Studio A

Educational Credentials
B.Arch, University of Liverpool (UK), 1962
M.S in Architecture, University of Pennsylvania, 1987
Ph.D in Architecture, University of Pennsylvania, 1992

Teaching Experience
Dean and Professor, College of Architecture and Environmental Design, California Polytechnic State University, San Luis Obispo, CA, 1997-2002 (Professor, 1997-2009)
Dean and Professor, College of Architecture, Texas Tech University, Lubbock, TX, 1991-1997
Visiting Lecturer, Department of Architecture, Graduate School of Fine Arts, University of Pennsylvania, PA, 1983-87
Chairman and Associate Professor, Architecture Department, School of Design, North Carolina State University, Raleigh, NC, 1979-83
Assistant Professor, Department of Architecture, College of Architecture, Art and Planning, Cornell University, Ithaca, NY, 1973-79
Lecturer, School of Architecture, Cal Poly, San Luis Obispo, CA, 1970-72

Professional Experience
Principal, MJH Architects, Ithaca, NY, 2006 – present
Senior Associate and Director of Educational Facility Project Development, MPB Architects, Philadelphia, PA, 1990-91
Senior Associate and Designer, H2L2 Architects/Planners, Philadelphia, PA, 1984-90
Partner, Cohen and Harms, Architects, Ithaca, NY, 1974-79

Licenses/Registrations
Architect: New York and Pennsylvania

Selected Publications, Awards, Research, Community/Professional Service
AIA College of Fellows NY Region Representative for YAF relations etc., 2012
Comprehensive Plan process coordination as Chair, Village of Cayuga Heights, Ithaca, NY Planning Board, 2009 – present
Organizer/Chair of 2010 Design Awards as Board Member, AIA Southern New York Chapter, 2009 - present
Member of National Architectural Accrediting Board team visits, 1996, 1997, 2000
National (Excellence in Library Design), State (PA) and Local (Philadelphia) AIA Chapter design awards for a Library and a Performing Arts building (H2L2 Architects), 1988-90

Professional Memberships
Fellow of the AIA and Member of the Royal Institute of British Architects
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Ferdinand S. Johns, Visiting Professor

Courses Taught, Fall 2010-Spring 2012
ARCH 540 Architecture Studio I: Introduction to Design

Education Credentials
B.A. English & Spanish, Hampden-Sydney College, 1963
B.Arch, University of Virginia, 1971
M.S., Architecture and Urban Design, Columbia University, 1975

Teaching Experience
Visiting Critic, University of Virginia, University of Pennsylvania, Princeton University, New Jersey Institute of Technology, Savannah Institute of Art and Design, University of Florida, University of Miami, Catholic University
Assistant Professor, University of Oklahoma, 1975-77
Assistant/Associate Professor, University of Maryland, 1977-87
Director, Design Studies, University of Maryland, 1979-87
Associate/Full Professor, Montana State University, 1992-2007

Professional Experience
A.I.T. R.A. & V.P., Commonwealth Architects and Planners, Sarasota FL, 1971-75
Principal, Ferdinand S. Johns, Architect, Oklahoma/Maryland, 1975-77
Co-Principal, Archipelagos Architects, Inc., Annapolis/Hilton Head, 1977-87
Head Designer, Bignell Watkins Hasser, Annapolis MD, 1987-90
Principal, Ferd Johns Studio, Bennett Frank McCarthy, Annapolis MD, 1990-92
Principal, Ferdinand S. Johns, Architect, & Living Places Design Studio, Bozeman MT, 1992-present

Licenses/Registrations
NCARB Certificate and Registered Architect since 1973 (FL, OK, VA, MD)
Architect: Montana

Selected Publications/Awards, Recent Research (2007-2012)
ACSA Distinguished Professor of Architecture Award, March 2007
Chippewa Cree Reservation 50 Year Master Plan. Sonoran Institute "Best of the Northern Rockies" Award, 2007
Tau Sigma Delta Silver Medal for Distinction in Architecture, Montana State Chapter, 2010
“A Yellowstone Charrette”, Western Art and Architecture magazine, work featured, Fall/Winter 2011

Professional Memberships
American Institute of Architects: Fellow 2012
Board of Directors, International Making Cities Livable Conferences (IMCL)
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Spencer Leineweber, FAIA, Professor, Director of Professional Programs

Courses Taught
ARCH 471 Historic Architecture Design Seminar: Modernism in Hawaii (Elective)
ARCH 515 (575) Asia Pacific History and Theory
ARCH 541 Architecture Studio II; Design Studio
ARCH 542 Architecture Studio III: Design Studio
ARCH 547E Professional Studio, Alternative Experience
ARCH 577 History of Hawaiian Architecture (Elective)
ARCH 693 Special Topics in Architecture and Design (Elective)
ARCH 546 and ARCH 548 Doctorate Project I and II

Educational Credentials
B.Arch., Cornell University 1970
Ph.D. ABD (Indigenous History) Australian National University (Expected 2012)
Ikebana Sogetsu Instructor Fifth Rank (top) Awarded by Sofu Sensei, 1974

Teaching Experience
Associate Professor, UHM School of Architecture, 1993-2002
Professor, UHM School of Architecture, 2003-present
Graduate Chair, UHM School of Architecture 2009-present
Director, Heritage Center, UHM Historic Preservation Research Unit 1995-present

Professional Experience
Principal, Spencer Architects Inc., Honolulu, HI 1978-present

Licenses/Registration
Architect: Hawaii

Built work
Lathrop Residence 2010
Pletsch Residence 2008
Kalaupapa Hansen’s Disease Settlement Restoration three phases over six years 2008
National AIA Honor Award (Design) Hawaii’s Plantation Village 1995

Selected Publications and Recent Research
Hong Kong Redevelopment Authority: Invited Keynote “Waikiki Special Design District” 2011
Waialua Storelots, Historic District and Building Inventory Report, Kamehameha Schools, 2011
Australian National University: Refereed Paper: “Keopuolani” 2010
International Meeting of ICOMOS: Refereed Paper: “Maunakea Next to Heaven” Quebec, 2008
Pacific History Association, Suva Fiji, Refereed Paper “Kapu Moe Queen” 2010
University of Hawaii: Campus Heritage Plan 2009 (Funded by the Getty Foundation)
“Collaboration” Hawaiian Modern, Architecture of Vladimir Ossipoff, 2008 Yale University Press
Hawaii State Historic Bridges Inventory (1000+ Bridges) 2008

Awards
Historic Hawaii Foundation: Preservation Award: Campus Heritage Plan, Hawaiian Modern 2009

Professional Memberships
American Institute of Architects: Fellow 1996
American Institute of Architects Honolulu: President Elect 2010, President 2011
International Council on Monuments and Sites: USA National Board Member 2004-2010
International Council on Monuments and Sites: Expert Committee member: Vernacular Architecture
FACULTY RESUME/QUALIFICATIONS

Name AND Rank/Title
Clark E. Llewellyn, FAIA, Professor, Dean

Courses Taught (Two academic years prior to current visit)
ARCH 546 Doctorate Project I
ARCH 548 Doctorate Project II
ARCH 699 Directed Work (Leadership)

Educational Credentials
Master of Architecture, Harvard University, 1973
Bachelor of Architecture (with distinction), Washington State University, 1972

Teaching Experience
Professor and Dean: University of Hawai‘i, Mānoa, 2007-Present
Director: Montana State University, 1995-2007 (Professor Emeritus, 2007)
Professor: Montana State University, 1989-2007
Associate Professor: Montana State University, 1984-1989
Associate Professor: King Faisal University, Dammam, Saudi Arabia, 1983-1984
Founding Director: Oregon School of Design, 1981-1983
Associate Professor and Arch. Program Director: Portland State University, 1979-1981
Associate Professor: Mississippi State University, 1978-1979
Assistant Professor: Washington State University, 1973-1974, 1975-1978

Professional Experience
Principal, Clark Llewellyn FAIA, Honolulu, HI, 2010-Present
Principal, Llewellyn Architects, Three Forks, MT, 1987-2010

Licenses/Registration
Architect: Hawai‘i
Architect: Montana
NCARB Certificate, 1987-present
California, Architect, 1980 (inactive)
Washington, Architect, 1978 (inactive)
Oregon, Architect, 1975 (inactive)

Selected Publications and Recent Research
Juror, 2 person jury, Arumiji Heritage Tomorrow Competition, Korea, April, 2010
Introduction, Korea Style by Lisa Iwamoto, Tuttle Publications, 2006
Contributor, So You Want to be an Architect by Lee Waldrop, Wiley & Co., 2006, 2010
Merit Award, Jefferson River Residence, Three Forks, MT, AIA Montana, 2003
Merit Award, Ward Residence, Willow Creek, MT, AIA Montana, 1996
Preservation Award, Powder Horn / Bozeman, MT, Bozeman Hist. Soc. / 1996
Preservation Award / 7 Doors Down / Bozeman, MT / Bozeman Hist. Soc. / 1996
Montana Library of the Year / Townsend Library / Townsend, MT / MT. Library Assoc. / 1996

Professional Memberships
Association of Collegiate Schools of Architecture 1978-Present
American Institute of Architects 1978-Present
Chair, Leadership Development Team, Northwest and Pacific Region, 2007-Present
Board Member, AIA National, Northwest and Pacific Region, 2004-2007
President, AIA Montana, 2003
Board Member, AIA Montana, 1998-2004
Construction Specification Institute, 2006-2008
Urban Land Institute, Honolulu Chapter 2008-2009
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Stephen Meder, Associate Professor
Interim Assistant Vice Chancellor, Office of Physical, Environmental and Long-Range Planning
Director, Environmental Research and Design Laboratory, School of Architecture
Director, Center for Smart Building and Community Design, Sea Grant College Program

Courses Taught (2007-2012)
ARCH 201 Intermediate Architectural Design A
ARCH 202 Intermediate Architectural Design B
ARCH 316 Environmental Design, Mechanical Systems
ARCH 321, 322 Introduction & Intermediate Architectural Systems
ARCH 490 Special Topics in Sustainable Architectural Principles
ARCH 507, 508 Arch Doctoral Thesis A & B
ARCH 525 Advanced Sustainable Systems
ARCH 546, 548 Doctorate Project I & II
ARCH 690 Special Topics in Sustainable Architectural Principles
ARCH 699, 399 Independent Study Courses

Educational Credentials
BFA - Bachelor of Fine Art, University of Hawaii at Manoa
BFA Program (Design 3 years), Rochester Institute of Technology
M.Arch., University of Hawaii at Manoa
Arch.D., University of Hawaii at Manoa

Professional Experience

Licenses/Registrations
None

Accredited Professional
Leadership in Energy and Environmental Design (LEED)

Selected Publications/Awards, Recent Research, 2007-2012

Awards:
US Green Building Council (LEED) 1st Place Natural Talent National Design Competition 2010
Hung Wo and Elizabeth Lau Ching Foundation Award for Faculty Service to the Community 2008

Research and Outreach Projects:
University of Hawaii Whole Building Energy Simulation Training, 2012-present
University of Hawaii Spatial Survey and Integrated Planning Program, 2009-present
Research to Reduce Residential Energy Use of Hawaii Military Bases, 2010-present
Commercial Building Project: Net Zero Retrofit for Kuykendall Hall, 2010-present
University of Hawaii Building Design High Performance Standards, 2010-present
Building Performance Standards for Small Commercial Buildings in Hawaii, 2009-present
Campus Lighting Power Density Survey, 2009-2010
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Pu Miao, Professor

Courses Taught (Two academic years prior to current visit)
ARCH 544 Architecture Studio V: Comprehensive Design
ARCH 595 Building and Landscape – Theory and Practice
ARCH 542 Architecture Studio III
ARCH 490 Special Topic: Architectural Space and the Movie
ARCH 548 Doctorate Project II
ARCH 699 Directed Work

Educational Credentials
Ph.D., M.Arch., B.S. in Arch.

Teaching Experience
School of Architecture, University of Hawaii at Manoa 1994-present

Professional Experience
Principal, Miao Design Studio, Shanghai and Honolulu

Licenses/Registration
Architect: Hawaii

Selected Publications and Recent Research
Pu Miao’s Sichang-Road Café, Kunshan, invited to be exhibited at the “Water–Curse or Blessing!? Encouraging Architectural Projects In Asia-Pacific”, an exhibition and symposium at the Aedes East - International Forum for Contemporary Architecture, Berlin, Germany, September 9 - October 21, 2011.
Invited exhibition at the ARCHITopia: Architecture & Urbanism, an exhibition and forum at the International Center for Urbanism, Architecture and Landscape (CIVA), Brussels and other locations in Belgium, April 10-June 10, 2008.
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Joyce M. Noe, FAIA, Associate Professor

Courses Taught, Fall 2010-Spring 2012
Spring 2012
Arch 342 Intermediate Architecture Studio
Arch 690 Advanced Professional Practice Seminar “New Paradigm for Affordable Housing in Paradise”
Arch 546 Doctorate Project I, Arch 548 Doctorate Project II

Fall 2011
Arch 200 Professional Practice of Architecture
Arch 433 Professional Practice Law and Ethics
Arch 546 Doctorate Project I, Arch 548 Doctorate Project II

Spring 2011
Arch 342 Intermediate Architecture Studio
Arch 490 Special Topics Professional Practice: “Professional Treasures”
Arch 547P Professional Studio - Practicum
Arch 546 Doctorate Project I, Arch 548 Doctorate Project II

Fall 2010
Arch 200 Professional Practice of Architecture
Arch 433 Professional Practice Law and Ethics
Arch 547P Professional Studio - Practicum
Arch 546 Doctorate Project I, Arch 548 Doctorate Project II

Educational Credentials
MDesS Harvard University Graduate School of Design 1998
B.Arch. University of Illinois 1964

Teaching Experience
Associate Professor 1982-Present (Tenured 1986)
Practicum Coordinator 2007-2011, Practice Program Director 1995-2007
Associate Dean 2001-2007

Professional Experience
Joyce M. Noe, FAIA, Architect Consultant 2006-Present
Noe and Noe Architects Principal Partner 1976-2006

Licenses/Registrations
Architect: Hawaii

Selected Publications/Awards, Recent Research (2007-2012)
2012 Paper to be co-presented at SCUPPacifi c Regional Conference “Pathways to Global Leadership for Aspiring Professionals in the Pacific Century” with Practicum Faculty Aaron Hyland and two students.
2011 NCARB Grant “Professional Treasures”
UH SoA Alumni Association Honor Award, 2008
State of Hawaii Grant: Design for Prototype Visitor Center for Waikiki, 2007
AIA Pacific NW Case Study Honor Award, 2005
NCARB Prize Honor Award, 2001
AIAS National Special Accomplishment Award, 2001
AAUW Educational Foundation Selected Professions Architecture Fellowship, 1997-98
Harvard University Graduate School of Design Academic Grant, 1997-98
AIAS National Educator Award, 1997

Professional Memberships
American Institute of Architects: Fellow 2006
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Kristopher M. Palagi, AIA, Assistant Professor

Courses Taught, Fall 2010-Spring 2012
ARCH 100 Introduction to the Built Environment
ARCH 101 Basic Architecture Studio
ARCH 320 Introduction to Architectural Systems A
ARCH 341 Intermediate Architectural Studio A
ARCH 342 Intermediate Architectural Studio B
ARCH 490 Elective: Everything is Product

Educational Credentials
M. Arch, Montana State University, 2000
B.Art & Environmental Design, Montana State University, 2000

Teaching Experience
Assistant Professor, University of Hawaii at Manoa, 2008-current
Graduate Teaching Assistant, Montana State University, 1996-2000

Professional Experience
Principal, Cogent Designs, Architect, Kauai, Hi. 2003-current
Project Manager, DeJesus Architecture and Design, Kauai, Hi. 2000-2003
Production Assistant, Massie Architecture, Bozeman, Mt. 1999-2000
Draftsman, Llewellyn Architects, Threefords, Mt. 1998-1999

Licenses/Registrations
Architect: Hawaii

Selected Publications/Awards, Recent Research (2007-2012)
“Body as Site”, speaker/paper, National Conference on the Beginning Design Student, University of Nebraska, 2011.
“BlueMars and virtual worlds in Architectural Education” lecture, UH Summer Technology Showcase Lecture Series, OTTED, 2010
Hawaii Law Enforcement Memorial Foundation, Coordinator/Presenter, 1st Annual Gala Benefit Sheraton Waikiki, 2010
“Connections in Architecture”, archHawaii Lecture Series, UH Manoa, 2010
Gwangju Design Biennale, speaker/exhibit, Gwangju S. Korea, 2009
Honolulu United Chinese Society, Design/Installation/Public Presenter, 2009
Award of Merit, 2009 AIA Honolulu Design Awards. “Kilauea Residence” Project Manager at DeJesus Architecture and Design
Distinguished Entrant, 2009 AIA Honolulu Design Awards, “Anahola Cottage” Project Manager at DeJesus Architecture and Design

Professional Memberships
Associate Director, AIA Honolulu Chapter Board (2011-2012)
American Institute of Architects
FACULTY RESUME/QUALIFICATIONS
Name and Rank/Title
Hyoung-June Park, Assistant Professor

Courses Taught, Fall 2010-Spring 2012
ARCH 235 Computer Applications in Architecture
ARCH 341 Intermediate Architecture Studio A
ARCH 342 Intermediate Architecture Studio B
ARCH 531 Advanced Design Communication I
ARCH 533 Advanced Design Communication II
ARCH 546 Doctorate Project I
ARCH 548 Doctorate Project II
ARCH 690 Special Topics Seminar: Algorithmic Architecture (Elective)
ARCH 693 Special Topics in Architecture and Design: Digital Design Synthesis (Elective)
ARCH 699 Directed Work (Elective)

Educational Credentials
Ph.D. Architecture, University of Michigan, 2005
M.S with Compton Award, Design & Computation, MIT, 1997
M. Arch. With AIA Alumni Award, University of Michigan, 1995

Teaching Experience
Assistant Professor, University of Hawai'i, 2006 - present

Professional Experience
Research Scientist, University of Michigan, Ann Arbor MI, 2005-06
Multi-Media Designer, University of Michigan, Ann Arbor MI, 1999-2005
Assistant Designer, Baum Architects, Inc., Seoul Korea, 1992-93

Licenses/Registrations
None

Selected Publications/Awards, Recent Research (2007-2012)
Research Relations Fund Award ($4,913.95), University Research Council, University of Hawaii at Manoa, 2007 – 2008 as a principal investigator (PI)
Special Fund for Innovative Scholarship and Creative Work ($3,301), University Research Council, University of Hawaii at Manoa, 2007 – 2008 as a principal investigator (PI)
Travel Grant ($1,987), University Research Council, University of Hawaii at Manoa, 2011
Travel Grant ($1,600), University Research Council, University of Hawaii at Manoa, 2009

Professional Memberships
Associate Member, American Institute of Architects
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
David Rockwood, Associate Professor

Courses Taught
ARCH 434 Digital Design Synthesis
ARCH 490 Special Topics
ARCH 523 Architecture Systems II: Wood and Steel
ARCH 526 Architecture Systems V: Integration
ARCH 644 Architecture Studio V: Comprehensive Design
ARCH 591 Digital Design and Fabrication
ARCH 690 Special Topics Seminar: Solar Decathlon
ARCH 693 Special Topics in Architecture and Design

Educational Credentials
B.Arch., University of Oregon, 1978
M.Arch., Princeton University, 1983

Teaching Experience
Assistant Professor of Architecture, Oregon School of Architecture + Design, 1985-1989
Visiting Lecturer in Architecture, University of Washington, 1991-1992
Instructor, Pacific Northwest College of Art, 1992
Visiting Lecturer in Architecture, University of Washington, 1993
Adjunct Professor of Architecture, Portland State University, 1994
Adjunct Associate Professor, Pratt Institute School of Architecture, 1994-2002
Associate Professor, University of Hawaii at Manoa School of Architecture, 2002-present

Professional Experience
Principal, David Rockwood Architect, Honolulu, HI 1985-present
Intern, Batey & Mack, San Francisco, CA 1981

Licenses/Registration
Architect: Hawaii

Selected Publications and Recent Research
Variable Speed Moving Walkway, Patent Application, 2010
Variable Ratio Drive, Patent Application, 2011
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Selja Marja Sarvimäki, Associate Professor and Director of Undergraduate Programs

Courses Taught, Fall 2010-Spring 2012
ARCH 271 World Architecture and Urbanism A
ARCH 272 World Architecture and Urbanism B
ARCH 516 Asia-Pacific Architectural History and Theory (co-taught with Spencer Leineweber)
ARCH 539 Research Methods Seminar
ARCH 546: Doctorate Project I
ARCH 548: Doctorate Project II
ARCH 691 Special Topics: Critical Regionalism in Asia and the Pacific
ARCH 699: Directed Studies

Educational Credentials
M. Arch., Helsinki University of Technology, 1985
D. Sc., Helsinki University of Technology, 2000 (equivalent of the Doctor of Philosophy (Ph.D.) in Architecture according to the Foreign Credentials Evaluation by International Education Research Foundation, Inc., in May 2010)

Teaching Experience
Teaching Assistant, Helsinki University of Technology, 1990
Lecturer, Hallikko Arts, Crafts and Design Institute, Salo, Finland, 2000-2002
Assistant Professor, University of Hawaii at Manoa, School of Architecture, 2003-2009
Visiting Professor, Danish Institute for Study Abroad, Copenhagen, Denmark, Spring 2010
Associate Professor, University of Hawaii at Manoa, School of Architecture, 2010-present

Professional Experience
Intern, Architektinburo Roelofs, Nijst, Lucas, Amsterdam, Netherlands, summer 1982
Intern/Architect, ARKTON Architects, Helsinki, Finland, 1981-1987
Principal, Architecture Studio Marja Sarvimäki, Helsinki Finland, 1985-2002
Project Architect, Housing Fund of Finland, Helsinki, Finland, 1996-1997

Licenses/Registrations
Finnish Association of Architects, SAFA (Finnish equivalence of AIA and Architect’s License)

Selected Publications/Awards, Recent Research (2007-2012)

Professional Memberships
Finnish Association of Architects, SAFA, 1985-present
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Jason R. Selley, Lecturer, University of Hawaii

Courses Taught, Fall 2010-Spring 2012
ARCH 201 Design Studio, Arch 490 Design/Build Elective, Arch 490 Zero Energy Portable Classroom Design Collaborative

Educational Credentials
B.Arch, Iowa State University, 2002
Minor Entrepreneurial Business, 2002

Teaching Experience
Lecturer, University of Hawaii, 2010-2012

Professional Experience
Intern, SIM Architects, San Francisco CA, 2000
Designer III, Architects Hawaii Ltd, Honolulu HI, 2002-2007
Sustainability Designer, WCIT Architecture, Honolulu HI, 2007-Present
Vice President, Board of Directors, USGBC Hawaii Chapter, 2009-Present
President, Waikiki Skytower AOAO Board of Directors, 2008-2011

Licenses/Registrations
LEED AP BD+C, Assoc. AIA

Selected Publications/Awards, Recent Research (2007-2012)
The President’s Volunteer Service Award, UH Design/Build “Build Lightly” Collaborative, 2012
“Building Lightly”, speaker, AIA Pacific Building Trade Expo, Hawaii Convention Center, 2011.

Professional Memberships
Member, AIA
Member, USGBC Hawaii
Historic Hawaii Foundation
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Lance Walters, Assistant Professor

Courses Taught, Fall 2010-Spring 2012
ARCH 235 Computer Applications in Architecture
ARCH 341 Intermediate Architecture Studio A
ARCH 342 Intermediate Architecture Studio B
ARCH 693 Special Topics in Architecture and Design: Digital Technology and Fabrication

Educational Credentials
B.A. Environmental Design, Montana State University, 2005
M.Arch, Montana State University, 2006
Master of Architecture, Harvard Graduate School of Design, 2011

Teaching Experience
Montana State University | Bozeman, MT | Visiting Adjunct Professor 2011
Visiting Critic- Boston Architectural College 2010
Harvard GSD | Cambridge, MA | CAD/CAM Teaching Assistant 2010-2011
Harvard GSD | Cambridge, MA | Teaching Assistant to Veronika Schmidt 2010
Montana State University | Bozeman, MT | Fourth Year Studio Teaching Assistant 2005
Montana State University | Bozeman, MT | Intro to Design Teaching Assistant 2004
Montana State University | Bozeman, MT | Architectural Graphics and Digital Media Teaching Assistant 2004-2005

Professional Experience
DangermondKeane Architecture | Portland, OR | Designer
    Design and LRDP Deep Underground Science Laboratory (DUSEL)
    DeafSpace Guidelines, written standards for designers working with the deaf community
Campus master plan for Gallaudet University, Washington DC
Weinstein AJ|U | Seattle, WA | Designer
Mithun | Seattle, WA | Designer
61 North Architects | Anchorage, AK | Architectural Intern
Architects Alaska | Anchorage and Wasilla, AK | Architectural Intern

Licenses/Registrations
Private pilots license

Selected Publications/Awards, Recent Research (2007-2012)
Led/organized design and installation, UH Courtyard, 2011
Scratch built/Homemade 3d printer and research 2009
Advanced fabrication and construction research- lutharle. 2009/current
AIA Washington Civic Design Merit Award 2011
AIA Washington People’s Choice Award 2011
DJD Project of the Month 2011
IIDA Inawards – Public – Honorable Mention 2010
USGBC Cascadia Region Living Building Challenge- Best in Show
USGBC Cascadia Region Living Building Challenge- Most Visionary

Professional Memberships
US Green Building Council LEED AP, NCARB
Alaska Airmens Association, Aircraft Owners and Pilots Association (AOPA)
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Homer L. Williams, D.Arch, FAIA, Associate Professor

Courses Taught, Fall 2010-Spring 2012
ARCH 541 Architecture Studio II
ARCH 545 Advanced Practice
ARCH 547P Professional Studio - Practicum
ARCH 543 Architecture Studio IV: Urban Design
ARCH 692 Special Topics in Architecture and Technology: Starting Practice

Educational Credentials
B.Arch, Kansas State University, 1962
D.Arch, University of Hawaii, Manoa 2008

Teaching Experience
Visiting Critic-Kansas State University,
University of Missouri Kansas City – Kansas State University, Pre Professional Program
Assistant Adjunct Professor – University of Hawaii, Manoa, 2007-2008
Director of Practicum – University of Hawaii, Manoa, 2008
Associate Professor – University of Hawaii, Manoa, 2011 – 2012
Director of Practicum – University of Hawaii, Manoa 2011 – 2012

Professional Experience
Intern, Carlisle B. Guy, AIA, Colorado Springs, CO 1962 – 1963
Principal, Ervin & Williams, Junction City, KS 1966 – 1968
Principal, Homer L. Williams, Architect, Kansas City, MO 1968 – 1973
Principal, Architects Design Collaborative, Kansas City, MO 1973 – 1991
Principal, WRS Architects, Kansas City, MO 1991 – 2001
Founding Principal, WSKF Architects, Kansas City, MO, 2001 – 2011
Modern Logic Architects, Honolulu, HI, 2011 – present

Licenses/Registrations
NCARB Certificate and Registered Architect since 1966
Architect: Numerous states including Hawaii

Selected Publications/Awards, Recent Research (2010-2012)
"From Cattle to Coinage" The ARCHi of Alpha Rho Chi, Nov. 2011
Banks and Financial Institutions, Wiley Publishing, Hoboken, 2010
ISBN 9780470278628

Professional Memberships
American Institute of Architects: Fellow
AIA Honolulu
Missouri Council of Architects
Frank Lloyd Wright Fellowship
FACULTY RESUME/QUALIFICATION
Name and Rank/Title
Raymond WH Yeh, FAIA, Professor

Courses Currently Teaching
ARCH 100 Introduction to the Built Environment
ARCH 351 Introduction to Urban Design
ARCH 546 Doctorate Project I
ARCH 548 Doctorate Project II
ARCH 690 Special Topics: Architecture Futures
ARCH 699 Directed Work

Education Credentials
B.S. 1965, B.Arch. 1967, University of Oregon
M.Arch. 1969, University of Minnesota

Teaching Experience
Visiting Critic- Chulalongkon University; NUS; Chinese University of HK; Tongji University (Advisory Professor)
Assistant Professor. 1970-73; Associate Professor. 1973-78; Professor 1978-79; Dean (Environmental Design/Architecture) and Professor/Director of OU Architectural Research Center 1983-92, University of Oklahoma
Professor and the first Head of the newly organized Architecture Department, Cal Poly SLO. 1979-83
Professor. 1992-2012; Dean 1992-2007, University of Hawaii

Professional Experience
Designer, NBBJ and Ellerbe Architects (Ellerbe Becket), 1965-70
VP for Design, Binnicker Graves (Sorey Hill Sorey) OKC, 1971-74
Principal, WH Raymond Yeh + Associates, OK and CA, 1974-1992
Principal, Yehstudio, Honolulu and Los Angeles, 2007-present

Licenses/Registrations
NCARB Certificate (lapsed)
Architect: Hawaii, California, Oklahoma, Texas

Selected Publications/Awards, Recent Research (2007-2012)
National Endowment for the Arts Design Fellowship
AIA College of Fellows Member (since 1988), Fellows Selection Committee Member 2012-14
AIA Chapter Design Awards and related publications
Faith and Form Liturgical Design Award and related journal publications
Design Intelligence’s Most Admired Design Educators Listing (2009)

Recent Research / Creative Endeavors
Architecture Futures and Campuses of the Future (w/ Prof Jim Dator of the Hawaii Center for Futures Study) - conference presentations of design research include at the International Workshop on Futures of Higher Education and Campuses 2060 at the SoA UHM (2009) organized by Professor Dator and myself, and, at the combined meetings of the 27th World Futures Study Federation Conference and the 3rd Global Higher Education Forum in Penang, Malaysia, (2011).
Impacts of Urban Transportation on Developing Cities – Conference presentations of design research at the Urban Design Symposium in Bangkok (2008) and the International Making City Livable Conference in Santa Fe, NM, (2008).
Contemporary Architectural Practice Models – Presentation of a lecture series on the topic at Tongji University Design Institute. (2007-08). Participation on several professional architecture projects in residential and commercial designs with YehStudio. (2007- Present)

Professional Membership
American Institute of Architects, Fellow
CV_ Lecturers
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Jonathan Ching D.Arch., Lecturer

Courses Taught, Fall 2010-Spring 2012
ARCH 451 Landscape Architecture Design Seminar (with Wesley Kalwi Nui Yoon)

Educational Credentials
D.Arch University of Hawaii  Spring 2010

Teaching Experience
Ethnic Studies Teaching Assistant for Daviana Mcgregor 1994-1996
Protect Kahoolawe Ohana Access Facilitator/Mentor 1994 – Present (Traditional Hawaiian
Teaching Format related to natural resource management, research, archaeology and
developing/practicing and implementing traditional/modern planning hybrid approach/strategy)
Project Coordinator and Mentor for Kahuewaiola STEM scholarship  2009  (Teaching young
scholars how to apply their educational and life experiences to community based projects.
School of Architecture Teaching Assistant with Stephen Meder (Sustainable Systems) 2010

Professional Experience
Project Planner, Office of Hawaiian Affairs (Halawa-Luluku Interpretive Development Project),
Honolulu, HI  2010-Current
Practicum Internship, Gensler, Shanghai, China 2008 (Shanghai Tower Project)
Designer/Team Leader, L.A. Anuenue Developers Kaimuki, HI  (Spec houses on Hawaii Island)

Selected Publications/Awards, Recent Research (2007-2012)
Architectural Research Centers Consortium: For excellence in architectural and environmental
design research.
Hawaiian Anuua’a Planning Approach (HAPA) For Rural Communities in Hawaii: Modern
Culturally-Based Sustainable Living Through Planning for Architecture,
Currently working on a set of learning Hawaiian Conceptual Learning Tools intended for
publication.

Professional Memberships
None
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Kyung Joon S.G. Chung, Lecturer

Courses Taught, Spring 2012
ARCH 201 Architecture Studio

Educational Credentials
B.A. Arts and Sciences, University of Hawaii, 2011
D.Arch, University of Hawaii, 2011

Teaching Experience
Teaching Assistant, University of Hawaii, 2009
Teaching Assistant, University of Hawaii, 2010
Teaching Assistant/Revit Instructor, University of Hawaii, 2011

Professional Experience
Gansam Architects and Partners, South Korea, 2010
Assistant Project Manager, Solar Decathlon Team Hawaii, 2011
Principal, Immersive Visual Studio, 2011-present

Registrations/Membership
Enrolled in NCARB IDP 2010-Current

Selected Publications/Awards, Recent Research
Scholarship, Manoa Opportunity Grant, 2010
Scholarship, Center for Korean Studies Scholarship, 2011
Award, Best Prize, VMSpace: Investigation of Small Shelters Competition, 2010
Award, Merit Prize, Shinkenchiku Residential Competition, 2010
Award, Finalist, Honolulu Law Enforcement Memorial Foundation, 2010
**FACULTY RESUME/QUALIFICATIONS**

**Name and Rank/Title**
Steven Hill, Fabrication Shop Instructor

**Courses Taught, Fall 2010-Spring 2012**
ARCH 490 Special Topics: Furniture Design and Construction, Spring 2011
ARCH 490 Special Topics: Furniture Design and Construction, Spring 2012

**Educational Credentials**
M.F.A. Industrial Design, University of Kansas, 1993

**Teaching Experience**
Teaching Assistant, University of Kansas, 1993

**Professional Experience**
Director of New Product Development, Martin and MacArthur, Honolulu HI, 2008-09
Industrial Design Manager, Commercial Furniture Group, Morristown TN, 1994 - 2007
Partner, Meder-Hill Designs, Honolulu HI, 1983-89

**Selected Publications/Awards**
Best of NeoCon, Gold Award, Contract Magazine, 2004
Best of Show NeoCon, Design Journal, 2000
Best of NeoCon, Silver Award, Contract Magazine, 1996

**Professional Memberships**
Member, Industrial Designers Society of America
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Cathi Ho Schar, AIA LEED-AP, Lecturer

Courses Taught (Two academic years prior to current visit)
Arch 341 Intermediate Architecture Studio A
Arch 132 Design Communication
Arch 342 Intermediate Architecture Studio B
Arch 351 Introduction to Urban Design

Educational Credentials
B.A., Stanford University 1999
M.Arch, University of California, Berkeley 2003

Teaching Experience
Graduate Student Instructor, University of California, Berkeley 2002-2003
Lecturer, University of Hawaii, School of Architecture, 2006-Present

Professional Experience
Principal, Collaborative Studio LLC, Honolulu, HI, 2008-present

Research
Master’s Thesis 2003 Geo-tourism

Licenses/Registration/Memberships
NCARB Hawaii,
Architect: Hawaii
LEED-AP
American Institute of Architects-member
Design Build Institute of America-member
FACTORY RESUME/QUALIFICATIONS

Name and Rank/Title
Kevin Miyamura, Lecturer

Courses Taught, Fall 2010-Spring 2012
ARCH 371 Design Theory

Educational Credentials

Teaching Experience
Adjunct Professor, Design Studio, University of Hawaii 2006-07.
Thesis Advisor, University of Hawaii, 2009-present.
Lecturer, Design Theory, University of Hawaii 2011.

Professional Experience
Project Designer, Jambhekar Strauss (now FX Fowie), New York NY, 1996.
Principal, Kevin Miyamura Architects, Honolulu, HI 2005-present.
Principal, Urban Works Inc., Honolulu, HI, 2012-present.

Licenses/Registrations
Architect: Hawaii, New York

Selected Publications/Awards, Recent Research (2003-2012)
AIA Seattle Honor Award 2003: Fauntleroy Residence (design with Suyama Peterson Deguchi).
AIA Honolulu Unbuilt Award 2009, Mayor’s Choice Award: Punahou School K-1 Neighborhood (consultant w/ Urban Works, Inc.) completed 2010.
LEED Platinum certification 2010: Punahou School Omidyar Neighborhood.
AIA National Housing Award 2011, Schermerhorn House (w/ Ennead Architects.)
“Ennead Profile Series 5: Common Ground Schermerhorn House.” ORO Editions, 4/17/2012
release. (Technical development & systems coordination.)

Professional Memberships
Member, American Institute of Architects
LEED-AP BD+C, USGBC
FACULTY RESUME/QUALIFICATIONS
Name and Rank/Title
Glenn Miyasato, Lecturer

Courses Taught, Fall 2010-Spring 2012
Arch 523 Architecture Systems II: Wood & Steel
Arch 524 Architecture Systems III: Concrete & Masonry
CEE 687 Pre-stressed Concrete

Educational Credentials
B.S., Civil Engineering, University of Hawaii, 1983
M.S., Civil Engineering, Stanford University, 1984
Ph.D., Civil Engineering, Stanford University, 1988
M.B.A., University of Hawaii, 1996

Teaching Experience
Lecturer: University of Hawaii, Department of Civil Engineering, 1989-Present
Lecturer: University of Hawaii, School of Architecture, 1996-Present

Professional Experience
Senior Engineer, Kai Hawaii Inc., Honolulu, HI, 1996-2000
Principal, MKE Associates LLC, Honolulu, HI, 2000-present

Licenses/Registration
Structural Engineer: Hawaii, Structural Engineer
Civil Engineer: California

Selected Publications and Recent Research

Professional Memberships
Structural Engineers Association of Hawaii (President, 2000)
American Society of Civil Engineers (Hawaii Section Secretary, 2012)
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Austin Poe, Special Programs Assistant and Lecturer

Courses Taught, Spring 2012
ARCH 201 Architecture Studio

Education Credentials
B.S. Arch, The Ohio State University, 2008
D.Arch, University of Hawaii at Manoa, 2011

Teaching Experience
Teaching Assistant, Design Communication, Spring 2009
Graduate Assistant, Campuses 2060, Fall 2009

Professional Experience
Intern, Dan Frederick Architects, Milan OH, 2007-2008
Intern, Sasaki Associates, Watertown MA, Fall 2010
Intern, Perkins+Will, Boston MA, Spring 2011

Registrations/Membership
Enrolled in NCARB IDP 2007-Current
AIAS, Membership Chair, 2009-2010

Selected Publications/Awards/Scholarship/Presentation, Recent Research
Scholarship, Society of American Military Engineers, 2009
Scholarship, Manoa Opportunity Grant, 2010
Scholarship, Practicum Fund Grant, 2010
Publication, Perkins+Will Research Journal Vol. 03.02, 2011
“uPod: A Modular Living Environment for Students”
Presentation, No Name Facilities / Planning Conference, Boston MA, 2011
“uPod: A Modular Living Environment for Students”
Doctorate Thesis, Global Professional + Academic Collaborative, 2011
“Synergizing Strengths between the Design Profession and Academia”
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Linda K.K.Y. Schatz, Lecturer

Professional Experience
Kamehameha Schools – Commercial Real Estate Division
Real Estate Analyst, Honolulu, Hawaii, April 2009 – Present
Linda Schatz & Associates
Owner, Honolulu, Hawaii, September 2006 – December 2009
Brookfield Homes Hawaii, Inc.
Marketing Manager, Honolulu, Hawaii, August 2004 – September 2006
Linda Schatz & Associates
Owner, Honolulu, Hawaii, July 2003 – August 2004
Communications Pacific
Vice President of CP Interactive, Honolulu, Hawaii, February 2002 – April 2003
Hubris Online, LLC
President, Honolulu, Hawaii, January 1999 – February 2002

Education
Development in Hawaii: Economic Viability of TOD in Honolulu

Awards
Public Relations Society of America, Koa Anvil and Koa Hammer Award. 2002. Award for
exceptional Web sites for Kauai Lani Company and Pacific Resource Partnership.
50 Hawaii High Technology Leaders Award, 2001. Named one of the fifty high technology
leaders in Hawaii by Pacific News Net.
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Wesley Kaiwi Nui Yoon, Lecturer

Course Taught, Spring 2012
ARCH 451 Landscape Architecture Design Seminar
Co Teaching with Jonathan Ching D.Arch.
Lecturer A, University of Hawaii

Educational Credentials
B.Arch, University of Hawaii, 1988

Teaching Experience
Royal Hawaiian Academy of Traditional Art, 2008 – current

Professional Experience
Project Director, Halawa Luluku Interpretive Development (HLID) Project, 2009-current
Cultural Design Consultant, Cancer Research Center of Hawaii, 2011
Oahu Conservation Land Manager, Office of Hawaiian Affairs, 2007-2009
Cultural Director, The Festival Companies, 2006-2007
Project Manager, Architects Hawaii, 2001-2006

Professional Memberships
Commissioner, State Legacy Land Conservation Commission, term expires 2014
Executive Council, Ka Maull Hou, Hawaii Restoration and Conservation Initiative
Ex-Council Member, OHA Native Hawaiian Historic Preservation Council
Ex-Member, Hawaii Conservation Alliance
Founder, Kukulu Kane Program
Speaker, Aha Pūnana Leo o Honolulu
FACULTY RESUME/QUALIFICATIONS

Name and Rank/Title
Manfred J. Zapka, Lecturer

Courses Taught, Fall 2010-Spring 2012
ARCH 692 Whole Building and Energy Simulation
ARCH 525, Sustainable Systems Design
ARCH 322 Systems Design

Educational Credentials
Dipl.-Ing (TU) (Diplom-Ingenieur, M.Sc. Equivalent in Civil Engineering, Technical University, Major Environmental Engineering and Water Resources, Brunswick, Germany, 1981
M.Sc., Ocean Engineering, University of Hawaii, 1984 (near shore environmental studies)
Ph.D., Ocean Engineering, University of Hawaii, 1988. Dissertation in ocean energy conversion and marine system development. Two patents were obtained by the University of Hawaii based on doctoral dissertation.

Teaching Experience
Lecturer, School of Architecture, University of Hawaii 2011-2012
Visiting Assistant Professor, University of Maastricht, The Netherlands, 1996-1998
Lecturer, Technical College “Haus-der-Technik”, Essen, Germany 1994-1996

Professional Experience
Director of Engineering, Navatek INC, Honolulu, 1988-1993
Principal, PipeCAD AG, Software company for BIM applications in industrial design, 2000-2001
Director of Course Production for Distance Learning, Adaptive Learning Systems, Cambridge, Massachusetts, 2001-2002
Senior Project Director, Marc M. Siah & Associate, Inc., Honolulu, Hawaii, 2002-2010
Principal, Sustainable Design & Consulting LLC, Honolulu, Hawaii, 2010-present
Senior Energy Advisor, Science Application International Corporation, Honolulu, Hawaii, 2010-present
Architectural Engineering and Energy Advisor, University of Hawaii, 2011-present

Licenses/Registrations
Professional Engineer, Civil Engineering, Registered in Hawaii, current
LEED-AP current
Certified Energy Manager (CEM), Association of Energy Engineers (AEE)
Certified Green Building Engineer (CBE), Association of Energy Engineers (AEE)

Selected Publications/Awards,
A total of about 15 technical papers and articles published for various associates, proceedings and newspapers (1990 through 2010)
Award of excellence in research for contributions to industrial wastewater treatment, 1982
Three US patents awarded in renewable energy conversion and marine systems

Professional Memberships
Member, U.S. Green Building Council USGBC
Member, Association of Energy Engineers
APPENDIX 3

Building Plans
School of Architecture

List of rooms and seating capacity

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<thead>
<tr>
<th>Room</th>
<th>Seating Capacity</th>
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<tbody>
<tr>
<td>101C</td>
<td>Environmental Research &amp; Design Lab</td>
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<tr>
<td>104</td>
<td>shop</td>
</tr>
<tr>
<td>204</td>
<td>gallery</td>
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<tr>
<td>205</td>
<td>auditorium</td>
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<tr>
<td>207</td>
<td>print lab</td>
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<tr>
<td>210</td>
<td>studio</td>
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<tr>
<td>211</td>
<td>lecture</td>
</tr>
<tr>
<td>212</td>
<td>lecture</td>
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<td>215</td>
<td>lecture</td>
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<tr>
<td>217</td>
<td>conference, converting to offices</td>
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<tr>
<th>Room</th>
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<td>studio</td>
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<td>Heritage Center</td>
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APPENDIX 4

Student Performance Criteria Matrix
# Courses and Student Performance Criteria

**21 March 2012**

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Matriculation
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1. IRO Reports: Degrees and Certificates Earned, University of Hawaii at Manoa (by fiscal years as shown above)
2. IRO Reports: Enrollment Projections, University of Hawaii at Manoa Fall 2011 to Fall 2016
3. SoA Statistics
### ARE PASS RATES

<table>
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Although the School of Architecture is slightly lower than the National average in some categories these numbers do not reflect that typically the test is taken several times before passing. The low number of examinations taken in 2008 suggests that the majority of people taking the test in Hawai‘i in 2009-2010 were first time test takers.