

What a year it has been!

by Dr. John W. Kofel

Executive Director, Pacific Resources for Education and Learning (PREL)

Each year about this time, I am asked to share some thoughts about the past twelve months at PREL, and what a twelve months it has been! As a courtesy to you, our colleagues and constituents, I will not try to overwhelm you with accounts of all of the laboratory's many accomplishments and challenges. However, I would like to reflect on a few of the more significant aspects of 1996.

PREL remains totally committed to the Pacific educational community and all who labor on behalf of its children. Appropriately, this drives everything we do at PREL, and this past year was no exception. This is a tall order and one we have yet to completely satisfy. While we had much to be thankful for in 1996, we also have much to do and learn in the months and years ahead. This is the nature of our work.

In 1996, PREL initiated five-year scopes of work for three major, federally funded programs—the regional educational laboratory, the mathematics and science consortium, and the comprehensive assistance center. A major staff effort was invested into organizing and implementing these pieces of work. As many of you know, PREL uses a “collaborative” approach to its work. Therefore, “Leadership teams” are central to what we do and how we do it. Comprised of competent and dedicated persons from across the region, the leadership teams give PREL staff the insight and understanding that is essential to the planning and delivery of quality services that make a difference. As a result, a course for the next five years has been charted that, we believe, will have a major impact on the educational community and children. I know it sounds trite, but we could not have done it without the leadership teams. We are grateful for their continuing invaluable contributions and dedication to the cause of the Pacific child, the leaders of tomorrow.

All three federal programs call for increased use of technology. PREL has been working to create access to its work, products, and publications via the information highway. Like many organizations, this is new territory for us and we have been on a steep learning curve. We have also accomplished a great deal. In 1996, PREL produced its first interactive CD-ROMs. They are entitled: “Pacific Standards of Excellence Series” and “Pacific School Improvement Research Series.” Both are intended to be useful tools to Pacific educators.

Another major activity last year was the production of a special audio guide entitled “Reading Aloud to Children.” This audio tape series is designed to help parents foster reading with their children. I am pleased that this series was done in Marshallese/English, Pohnpeian/English, and Samoan/English.

A video project was also completed and distributed in 1996. Entitled “1,2,3 The Moon and Me,” this project includes an introductory video and six video instructed lessons on the phases of the moon and Pacific cultural connections. Resource kits that include the videotapes, teacher's guide, and science materials to support the lessons have been provided to each entity through its Math/Science Leadership Team members. This work was accomplished through PREL's Star Schools grant in partnership with ESD 101 in Spokane, Washington. We are grateful to them for the good work that has produced this fine product.

Sticking with the technology theme, PREL has worked with most of the school systems in our region to assist the development of local area networks and access to the Internet. We believe that creating access to learning resources is essential to quality education, and some important steps were taken in 1996 to meet this goal in 1997 and beyond.

At the same time, PREL understands that there is no substitute for face-to-face interactions. Over the past year, we have engaged thousands of Pacific educators in training and technical assistance sessions. Hundreds of thousands of material and information requests have been met with various products and publications that have been disseminated. Our information center functions are continually being expanded and enhanced to better respond to you and increase access. This work will never end.

The major convening activity this past year was the 13th Annual Pacific Educational Conference hosted by Pohnpei State, Federated States of Micronesia. Approximately 1300 people from across the region, the U.S. mainland, and international destinations gathered out of a commitment to education and children. More than 150 workshops and presentations were shared during the three-day conference with a number of pre-conference institutes being held prior to this largest gathering of Pacific educators.

I am also very pleased to report that at the last meeting of the PREL Board of Directors in November, 1996, the members unanimously voted to change our name to Pacific Resources for Education and Learning but to retain its familiar acronym—PREL. This name change was done to more accurately reflect what PREL is and does. It is an important step in the continuing evolution of PREL as an organization with a mission to assist

Pacific communities with the education and learning of children, youth, and adults.

It is my hope that you have a sense of the many spheres of involvement and accomplishment this past year. Importantly, you need to know of our understanding that PREL is just part of a region-wide team of people who are working to better the education of Pacific children. We are honored to be part of this important work and grateful to all who have contributed.

In closing the "books" on 1996, I would like to offer my heartfelt best wishes for a happy, healthy and productive new year in 1997.

What's in a Name?

The name of an organization is an expression of its mission, people, services, products, etc. By association, a name may mean quality, service, integrity, credibility, or other things. In sum, a name is important and it conveys a great deal.

PREL's corporate name, Pacific Region Educational Laboratory, is being retired. This is because it no longer reflects the diversity of what PREL does, and we think it should.

Initially, PREL had one program of work—the regional educational laboratory. Our corporate name was appropriately and intentionally derived to reflect this. Over the past six years, a great deal of change has taken place within PREL. We now operate other major programs as well: the Pacific Mathematics and Science Consortium and the Pacific Comprehensive Regional Assistance Center to name just two.

At its November meeting in Rota, Commonwealth of the Northern Mariana Islands, the PREL Board of Directors unanimously approved a name change in an effort to more accurately reflect PREL, the corporate entity. Our new name is: Pacific Resources for Education and Learning (PREL). Our PREL acronym and logo, our mission, philosophy, quality of services, and strategies for making a difference remain intact. We hope our new name will further underscore all these important elements of PREL.

Our name change is effective immediately. We are keeping our old friend, the regional educational laboratory, as a central part of our program of work. We will be regularly reminding PREL's constituents, partners, and the many other people and organizations that share interest in Pacific education of this change. Undoubtedly, there will be some redundancy because we want you to know PREL is the same organization, only better. Our addresses, phone numbers, etc., remain the same, along with our unwavering commitment to Pacific education and children.

Mahalo for your continuing support and guidance.

New Prel Board Officers

At its November meeting in Rota, Commonwealth of the Mariana Islands, the PREL Board of Directors confirmed the election and installation of the officers that will guide the Laboratory in 1997.

The new president is Mr. Kangichy Welle, Director of Education, Chuuk Department of Education, Federated States of Micronesia; vice president, Ms. Malua T. Peter, Representative, House of Representatives, Ninth Commonwealth Legislature, Commonwealth of the Mariana Islands; secretary/treasurer, Dr. Herman M. Aizawa, Superintendent, Hawai'i Department of Education; and assistant secretary, Mr. Mike McCartney, Senator, Hawai'i State Legislature.

Chairman Welle replaces Mr. Steve N. Umetaro who resigned in August to run for political office in the Republic of Palau. Mr. Umetaro had been at the helm of PREL's Board since the Laboratory's inception in 1990.

Ms. Peters was elected by fellow Board members to fill the office of vice president, which was vacated when Mr. Welle accepted the chairmanship of the Board. The other two offices remain unchanged.

The makeup of PREL Board Executive Committee now consists of Mr. Welle, Ms. Peters, Dr. Aizawa, Mr. McCartney, and Mr. Laurence Vogel, Consul, Royal Danish Consulate.



NEW FACES AT PREL



Timothy Donahue joined the Educational Services/Pacific Center team in October as Bilingual Education Specialist. Tim's educational career has been in ESL/bilingual education. Prior to joining PREL, he developed and implemented bilingual education programs through the Hawai'i Human Development Corporation. Tim is familiar with the Pacific region and the work of PREL. He has taught with the Peace Corps in the Republic of Palau. He is currently enrolled as a Title VII bilingual fellow in the doctoral program at the University of Hawai'i at Manoa.

Dr. Zoe Ann Brown joined the Laboratory's Research and Evaluation staff in November as a Language Diversity/Research Specialist. Prior to PREL, Zoe was with the Hawai'i state Department of Education for 10 years, most recently as a test development specialist in the Planning and Evaluation Branch. In addition, she brings years of experience in bilingual education/ESL and research.

Three educators have joined PREL's Eastern Pacific Service Center in Honolulu for a one-year stay as Pacific Educators in Residence (PEIRs).

Joseph Kasian of Chuuk, Federated States of Micronesia, arrived in Honolulu in November to begin a one-year stay as a PEIR at PREL. Joe is principal of the Sino Memorial Elementary School in Chuuk. He has been with the Chuuk Department of Education for 26 years, serving as a classroom teacher prior to becoming a school principal in 1985.

Silves Mikel, from the Republic of Palau, joined PREL as a PEIR in October. Silves is student activities coordinator, student body advisor and Social Studies department chairman at Palau High School. Prior to this, he was the manager of the men's dormitory at the Micronesian Occupational College.

Joan Shigemoto was selected as a PEIR from Hawai'i in September. Joan currently is on sabbatical leave from the Central Oahu District Office of the Hawai'i Department of Education. As a speech pathologist, she works with children of all ages, and different intellectual abilities and cultural backgrounds to improve their communication skills.

Curriculum/Instruction Council Sets Priorities

The Pacific Curriculum and Instruction Council (PCIC) met in Honolulu during the week of September 30 to learn about PREL's programs and about each entity's initiatives and priorities. The objective of this meeting was to have each entity develop its long-term systemic comprehensive plan of services. The plan will guide the delivery of services provided by PREL's Educational Services staff.

The meeting was facilitated by Tom Barlow, visiting scholar at PREL; Hilda Heine, director of PREL's Educational Services and Pacific Center, and Harvey Lee, program specialist at PREL.

Presenters included Richard Sagawa and Ron Toma, Hawai'i Department of Education; and Masa-Aki Emesiochl, curriculum chief, Republic of Palau.

As a result of this meeting, council members submitted key requests and multi-year action plans for services to the schools. These regional priorities are: 1) Language Arts Standards Development; 2) Parent Involvement Modules, and 3) Leadership Training.

In conjunction with Language Arts Standards Development, the council scheduled a Standards Planning Meeting to be held in Hawai'i in December. An institute is also planned for June 1997 in Guam.

In the area of Parent Involvement Modules, the council will review existing parent handbooks at their December planning meeting.

Also, each entity is to develop a cultural profile using Palau's cultural profile as a model. The council will formulate a common Pacific Studies curriculum, and plans will be made in December for teacher/administration training in using the curriculum.

Trainees Sharpen Computer Skills

By Dr. Soe Kyaw, PREL

A five-day Practical Data Processing and Analysis Skills Training workshop was held at PREL-Honolulu on October 28-November 1.

The training was conducted by PREL at the request of the Kosrae State Department of Education (DOE). Kosrae had initially requested PREL to conduct a program evaluation training. However, after consulting with Winton Clarence of Kosrae DOE, it was agreed that training in data processing and analysis should be a prerequisite to program evaluation training.

At Seminar II in August, other Cadre members also expressed a similar interest in participating. Because space and equipment availability were limiting factors, attendance was open to a maximum of two trainees per entity, depending on interest.

Attendees learned to: 1) prepare a data coding to translate information collected into data in computer format; 2) enter data in spreadsheets; 3) manage, transform and process data using spreadsheet software; 4) analyze data using spreadsheet software; 5) create charts and graphs based on analysis results; 6) create templates to automate data analysis for future use; and 7) work with EXCEL and MS Word simultaneously.

Plans for similar and advanced training are contemplated for next year. Dr. Soe explained that the hands-on training did not have registration fees. PREL provided staff, facilities, equipment and supplies; airfare, hotel charges and per diem were covered by the entities.

Other PREL trainers included Carlos Harman and Jian-Feng Dong, PREL evaluation specialists.

For information concerning plans for similar training courses in 1997, contact PREL's Research and Evaluation Department.



OPERATION B.O.O.K.S IS AIRBORNE



Operation Books, a PREL project to collect reading materials in Hawai'i and the mainland U.S. and share these materials with schools and school libraries in Pacific entities was initiated in September.

School children in Yap, Federated States of Micronesia, will be the first beneficiaries of this reading enrichment program. Books for the initial shipment were donated by the library and children at Pu'uhale Elementary School located near downtown Honolulu.

Operation Books is a coordinated effort involving the Pacific Resources for Education and Learning (PREL), donor schools in Hawai'i, Continental Micronesia Airlines, the major air carrier to most of the entities PREL serves in the Pacific, and the metropolitan Rotary Club of Honolulu.

The main objective of Operation Books is to match specific needs in rural schools and donated reading materials and to airlift these materials to the appropriate location. The Pu'uhale donation matched the needs of Yapese schools. PREL established needs last October with Callistus Ledgesog, Curriculum and Instruction Chief, Yap Department of Education. Ledgesog was to arrange and oversee the distribution of these books to appropriate schools in Yap.

PREL staff coordinating this effort indicated that Operation Books goes beyond the collection and sharing of reading materials. The partners encourage a continuing cultural and personal exchange among children of donating and recipient schools.

For information concerning this project, or to donate reading materials, contact Operation Books, PREL, telephone: (808) 533-6000; fax: (808) 533-7599; e-mail: sandersp@prel.hawaii.edu



TECH TALK

The Internet, operational capacity and functional capabilities of PREL Western Pacific Service Center (WPSC) in Saipan, Commonwealth of the Northern Mariana Islands (CNMI) were enhanced in October by the PREL Technology staff.

The WPSC staff no longer needs to dial over long distance lines to send or retrieve e-mail. This costly procedure was previously used by the center because there were no Internet service providers on the island offering Internet connection.

The PREL technology staff, in collaboration with Saipan Datacom have now established a reasonably priced Internet connection featuring Eudora e-mail and World Wide Web browser capabilities. As a result, the WPSC staff no longer needs to place long distance telephone calls to the server at PREL in Honolulu to take advantage of e-mail capabilities. These changes, beside realizing substantial economies, have vastly increased the center's Internet access and improved its capability to support Pacific region constituents.

With the addition of a full multimedia work station which includes camera, speakers and microphone, the WPSC staff can now communicate with PREL in Hawai'i via the World Wide Web with real-time video and audio. This will allow center staff to participate in monthly staff meetings or conferences held in Hawai'i.

Similar capabilities were also provided to PREL's Service Center in Yap, Federated States of Micronesia.

Dennis Gooler and Randy Knuth of the technology center at NCREL visited PREL in Honolulu the week beginning December 2 to investigate possible collaborative work between the two laboratories.

PREL's Technology Department was one of the PREL units visited. The two teams discussed electronic databases and forms created by PREL, and software effectiveness. The Individual Activity Report (IAR) and Electronic Timesheets developed and used by PREL were also covered. These, and other electronic forms and databases, were of particular interest to the NCREL guests and will be further discussed in future meetings.

In 1996, PREL embarked in the development and production of several educational CD-ROMs and videotapes. PREL's plans for future collaboration with NCREL in these areas were also discussed.



Star Schools Grant Targets Adult Literacy

Hawai'i and the Pacific region is one of the areas targeted as Star Schools Adult Literacy grant recipient starting in 1997. Educational Service District 101 (ESD 101), Spokane, WA, operator of the STEP/Star network, is the grantee for this partnership. This activity is authorized and funded by the U.S. Department of Education-OERI through the year 2001.

The objective of this program is to provide adult literacy and adult basic education programs to underserved audiences, including those in rural/remote areas, through the use of technology and interactive distance learning.

Primary activities will include ESD-101's production of three live, interactive televised courses—GED, ESL, and Career Two, a worker retraining course; the production of televised in-service programs on topics related to adult literacy/adult basic education; and the development of other instructional tools, including CD-ROMs.

The interactive televised courses, downlinked via satellite, can be obtained on videotape from PREL. For additional information concerning PREL's participation in this program, or for copies of videotapes, contact Jim Bannan at (808) 533-6000, fax: (808) 533-7599, or e-mail: bannanj@prel.hawaii.edu



R&D Seminar Addresses Entity and Regional Needs

by Dr. Zoe Ann Brown, PREL

Representatives from entity public education systems and PREL's Research and Evaluation Team participated in Research and Development (R&D) Cadre Seminar III, at PREL in Honolulu, December 2-6.

The seminar focused on learning about entity and regional needs for research to help linguistically and culturally diverse students, teachers and administrators in the Pacific region. R&D Cadre members addressed specific design and sampling issues using a collaborative decision making process. The first two days were dedicated to presentations on the Third International Math and Science Study (TIMSS) and the Pacific Assessment of Mathematics and Science "Thinking" Skills. Discussions focused on implications for research in the region.

Cadre members then turned their attention to research questions responding to the needs of the entities. The rest of the week was spent revising data collection instruments based on entity pilot tests completed in November, developing sampling procedures and designing a three-year timeline.

The collaborative applied research project resulting from Seminar III includes four studies: 1) at-risk teachers and school administrators; 2) language use at home and school; 3) attitudes and values; and 4) teaching and learning styles. This research, as currently planned, will yield entity results and an executive regional summary responding to the following questions:

Study 1—What are the characteristics of teachers and school administrators who are identified as at-risk?

Study 2—What language(s) are spoken in students' homes and in schools, by whom and for what purposes? Is there a relationship between language usage at home and school and student achievement?

Study 3—What are students' attitudes and values towards themselves and education? How are these related to the attitudes and values of teachers towards education and student achievement? How are these attitudes related to the attitudes and values of teachers towards education and student achievement? How are these attitudes manifested in student performance at school?

Study 4—What are the characteristics of teaching and learning styles in Pacific schools? Is there an optimum relationship between teaching styles, learning styles and achievement?

Because the four studies require large data collection efforts, it will be carried out over the next three years. Current plans call for the Cadre Team to study grade 6 students, teachers and school administrators during School Year 1996-97; grade 10 in 1997-98; and grade 8 in 1998-99.

R&D Cadre Seminar III participants included Winton Clarence, Kosrae State, Federated States of Micronesia (FSM); Burnis Danis, FSM; Hanover Ehsa, Pohnpei State, FSM; Edwel Onrung, Republic of Palau; Jean Olopai, Commonwealth of the Mariana Islands; Eric Marar, Chuuk State, FSM; Marilyn Kabua, Republic of the Marshall Islands; Timothy Moon, Yap State, FSM; Faama Seui and Sina Peau Ward, American Samoa; and PREL staff—Carlos Harman, Denise Onikama, Jian-Feng Dong, Li'a Amisone, Ormond Hammond, Rod Mauricio, Soe Kyaw, and Zoe Ann Brown.



Librarians Meet in Majuro

The Pacific Island Association of Libraries and Archives (PIALA) held its annual conference in Majuro, the Republic of the Marshall Islands (RMI), November 2-8. More than 100 school and public librarians and educators from throughout the Pacific region participated in the conference, which was sponsored by the PIALA Board and RMI.

The four-day event focused on the use and sharing of local resources by archives and libraries in the region. Keynote speaker was Dr. Karen Peacock, Curator of the University of Hawai'i Pacific Collection. Dr. Peacock, who grew up in Micronesia, is well-known for her support of libraries in the Pacific region.

Other presenters included Hilda Heine, director of Educational Service and Pacific Center at PREL and Franda Fang Liu, information specialist at PREL. Heine discussed PREL's mission, programs and regional activities; Liu reported on available educational resources and the reshaping of information delivery systems at PREL.

A pre-conference workshop on cataloguing was held on November 2-4. The workshop, sponsored by PREL, was conducted by Dr. Sheila S. Intner from Simmons College in Boston. Sixty-one staff members from school libraries, public and government libraries, museums, college and university libraries, and other educational programs participated.



EDUCATIONAL SERVICES UNIT PLANS 1997

PREL's Educational Services held a two-day planning retreat in Honolulu on October 31-November 1 to discuss service needs in Pacific entities and outline plans for 1997.

As part of the retreat, staff split into smaller study/discussion groups to focus and prioritize entity service needs.

Stan Koki and Tom Pangelinan of PREL's Western Pacific Service Center in Saipan, Commonwealth of the Northern Mariana Islands (CNMI), covered CNMI/Guam educational service needs; Tom Barlow, Fata Simanu-Klutz, and Hilda Heine of the Honolulu office concentrated on needs for Chuuk, American Samoa, and the Republic of the Marshall Islands; Pam Ledgesog of Yap's Service Center and Silves Mikel of the Republic of Palau—Yap and Palau; Monica Mann, Joan Shigemoto and Jim Bannan of Hawai'i—Hawai'i; and Albert Augustin of Pohnpei, a Pacific Educator in Residence (PEIR) at PREL, Tim Donahue, and Harvey Lee of Hawai'i—Pohnpei and Kosrae.

Based on outcomes of these discussions, the group then reconvened at the conclusion of the retreat and developed a master calendar for the entire year.

Teachers Introduced to Pacific Issues and Cultures

by Luafata-Simanu-Klutz, PREL

More than 300 teachers and administrators from the four educational districts on Oahu on November 26 filled the Leeward District's Pearl City Cultural Center to listen to a presentation on issues and trends in the contemporary Pacific, cultural beliefs and practices. The presentation was made by PREL and the Center for Pacific Island Studies (CPIS), University of Hawai'i at Manoa (UH).

This collaborative effort was launched in response to a request for assistance with lessons on the Pacific by Rose Flores, Resource Teacher, Oahu's Leeward District. Others have, over the past months, requested similar assistance particularly for the seventh-grade level and English as a Second Language (ESL).

CPIS director, Dr. Robert Kiste, gave a slide presentation that highlighted diversities in the Pacific. A panel discussion involving Pacific Islanders followed. Panelists included Lydia Amisone, American Samoa; Thomas Kijiner, Jr., Republic of the Marshall Islands; Silves Mikel, Republic of Palau; Rodrigo Mauricio, Pohnpei, Federated States of Micronesia; Pasimi Hingano, Tonga; and Ropeta Tinetai Asiata, Western Samoa.

Future discussions will address: 1) the Contemporary Pacific—Issues and Trends and Implications for Classrooms; and 2) Pacific Cultures—Beliefs and Practices.

The first topic will deal with diversity in geography, politics, economics and cultures; the second will address the behaviors of certain groups and provide practical ways to deal with them, especially those that conflict with classroom culture. Pacific Educators in Residence (PEIRs) at PREL will participate in this effort.

This program—Pacific Awareness Program: Trends and Issues in the Pacific and Implications for the Classrooms—will culminate in summer institutes at UH June 30-July 18. Participants will earn three EDCI credits toward a degree or professional advancement.

For additional information, contact Dr. Tisha Hickson at CPIS, telephone: (808) 956 2652/7700, or e-mail: ctisha@hawaii.edu, or Fata Simanu-Klutz at PREL, telephone: (808) 533-6000, e-mail: simanukf@prel.hawaii.edu

PREL Wins Grant for Technology Seminars

The Pacific Region Educational Laboratory (PREL) has received a grant from GTE Hawaiian Tel to design and provide one-day seminars addressing the effective use of technology, particularly telecommunications, to support and enhance education.

As part of this grant, and in collaboration with GTE and other potential partners, PREL will conduct the seminars on Kauai, Maui, Hawaii and, tentatively, Molokai. Participants from Lanai will attend seminars on one of the other islands.

Through the seminars, the partners hope to: 1) increase educators' understanding of the potential of technology to improve education; 2) plan for continued long-term development to increase classroom access to technological and telecommunication resources; and 3) enable teachers to better utilize existing resources.

Designed for 50 participants each, the seminars will provide opportunities to engage in educational experiences using a variety of technological tools. Recognizing the need for on-going support, the project will establish an electronic network, the Technology Integration Listserve, to continue discussions begun during the seminars. These networks, moderated by PREL, will link participants and allow the sharing of successes and challenges as they build upon the seminar experience.

For additional information concerning this project, contact Paul Dumas, director, Math and Science Consortium at PREL.

Association Offers Student Scholarships

March 1, 1997 is the deadline for Pacific region students to apply for scholarships sponsored by the National Association for Asian and Pacific American Education (NAAPAE). Participation is open to high school seniors and college juniors and seniors.

In May 1997, two \$500 scholarships will be awarded to high school seniors and two \$1,000 scholarships to college junior/seniors. Applicants must 1) have an interest in pursuing careers in Asian and Pacific American (APA) Education, 2) have demonstrated concern and commitment to APA communities, 3) have outstanding academic records, and 4) be actively involved in school and community activities/services.

Applicants must be U.S. or Canadian citizens or resident aliens and must provide: 1) transcripts (sent directly by the school attended); 2) two letters of recommendation sent directly by instructors, counselors, community leaders, etc.; and 3) a typed or printed letter of application.

The letter of application should contain full name, address and telephone number; high schools or colleges attended and dates; current high school or college class (e.g., junior or senior) and expected date of graduation; citizenship status; names addresses and telephone numbers of those submitting letters of recommendation; and a statement of career goals (50 words maximum).

The letter should also list the student's most important school/community activities/services over the past two or three years, including role and dates of participation; and a statement describing the student's concern and commitment to Asian and Pacific American communities (200 words maximum). The letter must be signed and dated and mailed to: NAAPAE Scholarship Committee, 476 N. Cedarbrook Road, Boulder, CO 80304



Web Capabilities Enhanced

Exciting things are happening on the World Wide Web. PREL's Web page was updated and attractively enhanced over the past couple of months. Information specialist Franda Fang Liu reports that several main subject categories have been added to the PREL site: A program page that describes major programs at PREL and a publications page that lists new publications and products and allows on-line ordering. The PREL site address is: <http://prel.hawaii.edu>

