Energy Explorations
Continued from cover

Our issue opens with a look at the college's latest innovation: a hybrid car conceived by students and comple mented with the help of faculty, off-campus sponsors and the State Energy Office. Powered by gasoline and electricity, this newly con cepted fuel saver was pre ceded to campus seven years ago by the chunky, noisy and highly efficient Pegasus, an adaptation of the German World War II wood-burners that could run a mile on a six-inch hunk of wood.

Faculty members have brought us up to date on an array of energy projects. Dr. Richard Cullinan and Dr. Jeff Keller have reported their efforts to invent a leaf—a human-made photosynthetic membrane which can capture and use sunlight. Dr. Jacob Richard of Washington also cites work at a steady peak full of electricity. "Ideally," says Retzler, "we wanted the long-range capability of diesel or gas combined with the quietness, economy, and non-pollution of electricity."

Although they weren't first on the scene, Kaminski and Retzler sought to add their innovations to the hybrid concept. They used Evergreen's computers to simulate stop-and-go traffic, figure amperage needs, and calculate energy recovery capacity of batteries. The most original part of their design was the addition of an onboard generator to reduce the number of batteries required, and lighten batteries which first appeared on the road later this year for demonstrations in ten cities throughout the state of Washington. If the work is completed, Kaminski and Retzler have moved on to other projects: Paul is studying engineering at the University of Washington and Chris is enrolled in an Evergreen academic program called "Short Fictions" which, he says, gives him a "breather" from building cars.

By Mark Clemen

Evergreen Hybrid Car Blends Student, Community Talents

"The response really was amazing," Riley says. "Most callers were interested in working on the project. But no genuine sponsor appeared until Dennis O'Hare of Tumwater saw the hybrid car newspaper ad. A biology teacher at Tumwater Middle School for 16 years, O'Hare (pronounced O'Hara) had long wanted to create his own alternative form of transportation, but lacked the necessary technical skills. O'Hare, Kaminski and Retzler agreed to a contract that exchanged the students' design for his sponsorship. O'Hare admits to being skeptical about working with anyone, but found that "with Paul as the mechanic, Chris the electrical, and myself troubleshooting in between, we got things done as a team."

Even everyone benefited," says Riley. "It was a very good merge of college and community participation. Actual costs for the project con sumed most of May, a month devoted to burning the mid night oil. By the first week in June, the hybrid car was ready for its unveiling at Kaminski and Retzler's final presentation to the Energy Systems Program. It was only a naked Volkswagen chassis with two seats and six batteries mounted in the rear. But the car ran, much to the delight of a crowd of onlookers, more than a few of whom got free, electrified rides."

"The hybrid is unique," he comments with pride. "There's not another one like it in the world."

Adding the finishing touches to Evergreen's hybrid car, Tumwater Middle School science teacher Dennis O'Hare plans to take this innovative energy-saver on the road later this year for demonstrations in ten cities through out the state of Washington. If the work is completed, Kaminski and Retzler have moved on to other projects: Paul is studying engineering at the University of Washington and Chris is enrolled in an Evergreen academic program called "Short Fictions" which, he says, gives him a "breather" from building cars.

But the two still work with O'Hare, and they and they both view their past six months as preparation for the future.

"I definitely see energy systems as a way to make a living," Retzler says. "I know how to organize a big project, manage time and resources, and complete research and promotion. But the two still work with O'Hare, and they both view their past six months as preparation for the future.

"I Definitely see energy systems as a way to make a living," Retzler says. "I know how to organize a big project, manage time and resources, and complete research and promotion. But the two still work with O'Hare, and they both view their past six months as preparation for the future.

Evergreen's Hybrid Car Blends Student, Community Talents

The three, with help from faculty artist David Gallagher, Portland, Oregon, to Charles-
Cole Deving into Underground Homes

Sometimes the solutions to our most complex problems are right in front of our noses—or beneath our feet.

While homeowners everywhere watch the cost of housing and energy climb steadily higher, Evergreen faculty physicist Rob Cole has cast his eyes downward—to examine the potential for underground housing.

After two summers spent in Tunisia studying the underground homes of Romans and Bedouins, Dr. Cole is convinced these structures represent a rational—and energy-efficient—response to the harsh climates of that country—and possibly to other areas of the world.

Cole, who's team teaching the Energy Systems program this year, has been working on developing alternative energy choices. As an offshoot of his fascination with energy studies, he traveled to Tunisia in the spring of 1980 to study ways two distinctly different cultures adapted their homes to local climate conditions.

In about 200 A.D., the Romans built a number of underground homes in the city of Bulla Regia. Fourteen hundred years later, on land not far from there, the Berbers constructed whole underground villages along the northern edge of the Sahara Desert. Many of those structures are still occupied.

The contrasts and comparisons between the homes built by the two civilizations draw Cole back for additional study last summer. On that second trip, he focused more on Tunisia than the lighting and gained additional insights into older buildings and cooling systems in the country whose daytime temperatures of over 125 degrees are common.

He'll share the results of his findings with students in a special workshop later this year, and with the public in a free Tuesdays at Eight lecture set for November 17, beginning at 8:00 p.m. in the Recital Hall of the Communications Building.

In both presentations, Dr. Cole will use slides to illustrate the architectural techniques both cultures used to escape the heat. He'll also offer observations on the survival values of underground housing in the United States and its potential for the Pacific Northwest. If he says, "it probably doesn't make enough sense for our incredibly wet ground and mild temperatures.

He may also be encouraged to share his plans for an energetic exploration—to the Peoples Republic of China where more than 10 million persons have been living since the 1930s in underground homes in the Loess Highlands between the North China Plain and the deserts of Central Asia.

Very few westerners have been there for 50 years." Dr. Cole observes, "I want to be among the first to see what's happening.

Romero Explores Solar Home Improvements

While one Evergreen faculty member has gone underground for solutions to home-heating problems, another is looking skyward and exploring ways to improve solar home construction.

Dr. Jacob Romero, an applied scientist, returned this fall from a year's leave of absence to coordinate the Energy Systems Coordinated Studies Program. He came back determined to further explore an idea he began work on at the Scientific Laboratory in Los Alamos, New Mexico.

The idea, he says, could change the way passive walls work in solar homes. "We're studying a material with very unique thermal properties," Dr. Romero says. "It's a chromium oxide foil that absorbs solar rays and has a high resistance to emitting them. In other words, it 'traps heat.'

A passive wall supplies heat to a solar home by warming up in the sun during the day and giving off warmth as it cools at night. It requires glazing on the front to function without glazing, a current inconvenience in solar home designs.

"Right now, I'm working with students on analyzing data I gathered in New Mexico," Dr. Romero says. "We will feed the information into a computer and simulate the foil's performance over a whole year. Then we'll know if there's a net energy gain and what the fuel of the future could be.

Dr. Romero, a nine-year veteran of Evergreen's faculty, is also researching another idea he believes can be applied to conventional as well as solar homes. He and students in Energy Systems fabricated a device to measure thermal resistance.

They're now testing different thicknesses and combinations of glass and other materials in a search for a warning light that will alert homeowners to a loss of thermal benefit. "Monthly performance curves show that passive solar homes could be successful if the R-value of windows was increased," notes Romero. "If we could just double that value, it would really make a difference. Energy savings could jump substantially."

Like his research on passive walls, Dr. Romero expects work on the window idea to continue throughout the school year. He'll complement those efforts with continued studies on two other topics he's explored in recent years: nuclear fusion and the use of fusion radiation.

He spent the summers of 1979 and 1980 conducting research on ways to control nuclear fusion reactions while participating in the Starfire Project, the national project designed as a commercial fusion reactor, at the Argonne National Laboratory in Chicago. Last summer in a project sponsored by the Gas Research Institute at Texas A. and M. University, he studied fusion radiation as a means to produce hydrogen, a gas many see as the fuel of the future.

Fascination with the search for the solution to the nation's energy problems, particularly those related to use of fossil fuels, has absorbed the interest of Evergreen students and faculty almost since the college opened.

That interest sparked by the 1973-74 oil embargo led to the creation of the Geoducks nearly finished hybrid car.

Called Pegasus, the first experiment in a line of vehicles designed on campus differed vastly from the sleek, new lightweight hybrid and its gasoline and electric power sources.

Pegasus was less than attractive, it combined a 1946 Ford pickup, some sheet metal, an old water heater, the talents of five Evergreen students and two faculty members, and a load of enthusiasm.

Inspiration for the Petroleum Gasoline Substitute System came from a book called The Pegasus Unit, written by Evergreen faculty member and energy oceaneographer and engineer Niels Skov and anthropologist Mark Papworth, who were intrigued with the original German system perfected by the Germans during World War II.

Caught without their own oil supply, the Germans developed a portable furnace to burn many fuels, has absorbed the interest of Evergreen students and faculty almost since the college opened. That interest sparked by the 1973-74 oil embargo led to the creation of the Geoducks nearly finished hybrid car.
Cellarius and Kelly: Tapping Plants for Power

Ever wonder how a leaf works? Faculty members Dr. Richard Cellarius and Dr. Jeff Kelly did—and they've devoted five years to finding out. The two were interested in making use of photosynthesis—the natural way a leaf captures sunlight with the chlorophyll in its cells.

"Much of the work focused on just understanding the process better," says Cellarius, a biophysicist and plant biologist. Beyond that, they hoped to develop a synthetic solar device that simulated the way plants work and, ultimately, would convert sunlight into electricity.

To do so, the two men and their student assistants made a model of the photosynthetic membrane or, more simply, devised their own leaf. What they came up with was a layer of chlorophyll that was only one molecule thick on the surface of a cup of water. One molecule? "You couldn't see it, of course," says Kelly, a biochemist, "but certain physical properties told us it was there."

By shining light through the chlorophyll film, the team could determine the amount of light captured and then filtered out by the layer. To measure these emissions, Cellarius and Kelly fabricated their own instrument, a computer-controlled spectrofluorimeter.

"We learned a lot about the art of designing equipment," Kelly says. "It wasn't easy!"

A portable laboratory computer-controlled spectrofluorimeter, which was, says Cellarius, "sensitive enough to count individual photons," or energy packets of light. After studying chlorophyll and other plant pigments, the focus shifted to synthetic compounds, specifically, phthalocyanine and green-blue artist's dye.

Kelly and Cellarius received a National Science Foundation grant for $132,000 to do their research from 1976 to 1978. But later proposals were not funded. With the assistance of a small grant from the Evergreen Foundation, work continued through the spring of 1980, but has since fallen inactive.

"I feel strongly about using students as assistants in research projects," says Cellarius.

One post-doctoral assistant, Dr. James Gaw, and 14 student assistants worked on the project at one time or another. Several have gone on to do graduate work in such fields as physics, medicine, and meteorology, and one student is currently working for the company that made the computer used in the experiments.

"The other thing we got out of the project," says Kelly, "is a blueprint for research at Evergreen."

This model includes having at least two or three faculty members work together on projects, all of whom are knowledgeable on every phase using basic research methods with undergraduate assistants, and recognizing the need to generate publishable results. The project model's conversations have centered around a new study on photosynthesis, possibly using the spectrofluorimeter again.

"It would be nice to use it," Kelly says. "I don't think anyone has ever built a piece of equipment quite like that."
Environmental Studies Graduate Program Approved

1981-82 Foundation Scholars Honored

Evans Critical Energy Fund

Environmental Studies Graduate Program

Program Approved

By 1983, budget permitting, 120 credits would be available. By May 1986, the faculty had decided to delay its opening until fall of 1986 as part of the school’s 10.1 percent cost-cutting policy. The faculty was grateful to be helping in leaders in helping us meet our challenges that face both Evergreen and higher education today. This year’s Foundation Scholars include: MaryBeth Berney, Pullman Teresa Bill, Midway Leyva Brown, Lakeside Cynthia Corliss, Olympia Carol Couture, Tacoma Bette Dillin, Bremerton Robert Dietrich, Seattle Rick Duke, Tacoma Allison Green, Bellevue Dennis Gustafson, Auburn Cindy Hay, Marysville Robert Horneberg, Bellevue Christine Jobe, Seattle Deborah Shulte Jeffries, Castle Rock Susan Johnson, Vancouver Haline Kilroy, Hartford (CT)

To insure instruction that enables students to apply concepts and theories to real-world situations, faculty will rely on the state’s extensive network of community colleges and public schools. These partnerships will provide opportunities for students to work in real-world settings, such as internships or service learning projects.

In addition to these partnerships, the program will also provide opportunities for students to engage in research and scholarly activities. The faculty will be actively involved in securing external funding for research projects and will encourage students to participate in these activities.

To support students’ career development, the program will provide opportunities for students to engage in professional development activities. These activities may include attending conferences, participating in workshops or seminars, or engaging in other forms of professional development.

In conclusion, the Environmental Studies Graduate Program will provide students with the skills and knowledge necessary to navigate the complex environmental challenges facing the world today. With its focus on sustainability, the program will prepare students for a wide range of careers in environmental science, policy, and management.

Alums Apply Energy Know-how Coast-to-Coast

Doreen of Evergreen alumns are pioneering new pathways in the fields of energy science and sustainability. One recent alum, a quick corner telephone survey conducted by the alumni office, revealed that dozens of graduates and former students hard at work as energy scientists, designers, teachers, in- stitutions, and policy makers.

Seventeen of those alums are currently enrolled in university, several establishing new businesses which employ informationזור.

Bard Stylmeyker, ’74, is working for Puget Sound Energy Works, a consulting company in Olympia which sells energy conservation products, including solar and wood heat- ing systems, insulating quiet and other building materials. Helping him with this business are four other Evergreen alums: Mark Christman, ’72, who serves as sales manager; Steve Kugler, a marketing supervisor and insulation consultant; and Matt Evers, who is also contributing.

Bob Evens, ’81, is a founding member of Solar Energy Association, which Evans would like to see evolve into a comprehensive organization.

In Bloomfield, Colorado, David Low is vice president of Solar Pathways, a consulting firm, Sun Designs, has his own company, Sun Designs Co., which is staffed by two dozen representatives.

Across town, Elizabeth Boyle Nickerson, ’75, works as a sales manager for the Southern Puget Sound Energy, the four are in the Port- land BPA office. Evans has also drawn on the energy industry for professional assistance, and is working to help the company’s customers.

In the northeast, Sergio Sani, ’79, is an energy con- sultant for Energy Designs, Ltd., of Charlestown, Massachusetts. And, in the southeastern, Mark Hughay, ’81 is traveling through several states conducting solar assessments of government buildings and installations for the U.S. Forest Service.

In the northwest, Steve Diddy, ’74, and Judy Johnson, ’78, have formed their own company in Olympia, SunWest Associ- ates, which provides energy consulting services, in- cluding solar and wood heat- ing systems, insulating quiet and other building materials. Helping these businesses are three other Evergreen alums: Paul O’Day, ’83, who serves as sales manager; Steve Kugler, a marketing supervisor and insulation consultant; and Matt Evers, who is also contributing.

In addition, Evans would like to see the company’s customers. He is also working through the state’s energy organization, the Southern Puget Sound Energy, the four are in the Portland BPA office. Evans has also drawn on the energy industry for professional assistance, and is working to help the company’s customers.

And, back on campus, four Evergreen alums haven’t waited until graduation to get to work. Eli Beamon, Satifia Crane, and Tim and Ellis Harson are building two solar greenhouses in the Little Egypt Valley, 10 miles west of Shelton. Funded in part by a grant from the Department of Energy, the project is a model for the future of renewable energy and sustainable living. Evans is working with the state’s solar energy program, the Energy Efficient Housing, which helps businesses and individuals interested in energy efficiency.

The program is designed to provide students with the skills and knowledge necessary to become effective leaders and change agents in the field of environmental science.

The program will also provide opportunities for students to engage in research and scholarly activities. The faculty will be actively involved in securing external funding for research projects and will encourage students to participate in these activities.

In addition to these partnerships, the program will also provide opportunities for students to engage in professional development activities. These activities may include attending conferences, participating in workshops or seminars, or engaging in other forms of professional development.

To support students’ career development, the program will provide opportunities for students to engage in professional development activities. These activities may include attending conferences, participating in workshops or seminars, or engaging in other forms of professional development.

In conclusion, the Environmental Studies Graduate Program will provide students with the skills and knowledge necessary to navigate the complex environmental challenges facing the world today. With its focus on sustainability, the program will prepare students for a wide range of careers in environmental science, policy, and management.

In conclusion, the Environmental Studies Graduate Program will provide students with the skills and knowledge necessary to navigate the complex environmental challenges facing the world today. With its focus on sustainability, the program will prepare students for a wide range of careers in environmental science, policy, and management.

In conclusion, the Environmental Studies Graduate Program will provide students with the skills and knowledge necessary to navigate the complex environmental challenges facing the world today. With its focus on sustainability, the program will prepare students for a wide range of careers in environmental science, policy, and management.
Here's Your Board, a Sterling Lot

The Alumni Association is managed by your Board of Directors. They are your representa- tives and welcome your ideas and comments about Alumni activities.

Newly-elected to the Board on September 12 are:

J.C. Armbruster '81
Lives in Olympia, and is currently conducting a job search in the field of journalism in the Olympia-Seattle area. Last year, J.C. served as student representative on the alumni board. He studied English and writing at Evergreen, served on the Publications Board, was a contributing writer for the Cooper Point Journal, held several journalism internships, and was a tutor at the Learning Resource Center.

Scott Baker '77
Lives in Olympia and is vice president of Capital Tree Service, Inc. (tree surgeons). He studied Human Ecology at Evergreen and helped start the Gooduck Yacht Club and the early outdoor education programs. Last year, Scott attended the American Avalanche Institute in advanced avalanche forecasting and has been a student instructor for two Outward Bound programs.

Tim Bessey '75
Lives in Vancouver and manages the camera department of a Montgomery Ward store in Portland. He studied psychology and corrections at Evergreen and is currently active in the Sigma Chi fraternity and the local Marine Corp League's Young Marines program.

Lisa Fleming '81
Lives in Olympia and is working in the Communications Section of the Department of Labor and Industries as a writer and editor of publications. Lisa served on the Evergreen Council (former Sourdough Board) and the Planning Committee.

Keith Goethner '78
Lives in Spokane and is currently seeking work. Keith studied public administration and cooperative education at Evergreen and was a student cooperative education counselor. He has worked for Pizza Hut Restaurants in Everett and Internis Transit in Olympia.

Mike Hall '74
Lives in Olympia and works in the Cooperative Education office at Evergreen. With a BA in Geog- graphy student, Mike was active at KAGS, served on the Board of Directors, and worked as a student financial aid counselor. Mike served on the founding Alumni Board in 1978-79. Mike was creative, owner, and operator of the Gnu Deli restaurant in Olympia for several years and is a Universal Life Church minister.

Anne Pfug '76
Lives in Bellevue and is special assistant to the deanship at Evergreen College. She is also midway through her studies for an MBA at Seattle University. Anne has worked for the cities of Poulsbo, Kirkland, and Pasco, the Puget Sound council of Governments, and the Gov- ernor's office. She studied city planning at Evergreen, served on several OTFs, and held several internships.

George Schoeder '73
Lives in Tacoma and is a U.S. history and civics teacher at Surprise Lake Middle School in Milton. George has also taught at Fife High School. George is a member of Sigma Phi Epsilon fraternity, and is currently president of the Fife Education Association.

Neil Shambaugh '80
Lives in Olympia and is a real estate salesperson for Van Heuvelen Real Estate. Neil studied Management and the Public Interest at Evergreen. He has taken classes in principles and practice of real estate and is currently working on his Real Estate Broker's License.

Jim Smith '77
Chair of the Board. Jim Smith is the University of Puget Sound Mutual Savings Life Insurance Company and its affiliate, Western Data Corporation. He served on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. Jim will be his third year on the Board.

Jill Fleming '76
Lives in Seattle and recently earned a master's degree in Business Administration from the University of Wash- ington, and is a financial reporting development officer at the Puget Sound Mutual Savings Life Insurance Company. She is working on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. Jill will be her fourth year on the Board. She served as President and as Treasurer of the Finance and Affairs Committee in 1979-80.

Board members continuing their terms are:

Dave Anderson '74
Lives in Seattle and works for Wehrman Consultants, Inc., a company specializing in developing 911 emergency communication systems. He is also a consultant who has been developing 911 emergency communication systems. He also attended the University of Washington and studied public administration including a degree in public administration for the Washington State Council of Governments. Dave has also served as a member of the Washington State Council of Governments. Dave will be his third year on the Board.

J.P. Jones III '73
Chair of the Board. J.P. Jones is a political science and business administration professor at the University of Washington. He has served on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. J.P. will be his second consecutive year on the Board of Directors.

J.P. Jones III '73
Chair of the Board. J.P. Jones is a political science and business administration professor at the University of Washington. He has served on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. J.P. will be his second consecutive year on the Board of Directors.

Jill Fleming '76
Lives in Seattle and recently earned a master's degree in Business Administration from the University of Wash- ington, and is a financial reporting development officer at the Puget Sound Mutual Savings Life Insurance Company. She is working on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. Jill will be her fourth year on the Board. She served as President and as Treasurer of the Finance and Affairs Committee in 1979-80.

Douglas King '77
Lives in Seattle where he works as a former federal consul- tant. He recently worked on two legislative campaigns for Senator- man for King County Executive and worked for the Puget Sound Mutual Savings Life Insurance Company. He is a member of the Board of Directors for the Washington State Council of Governments. This will be Doug's second year on the Board, where he has served as Chair of the Legislative Relations Committee.

Dave Raul '79
Lives in Seattle and is em- ployed with Op Magazine, a publishing firm. Dave studied communications, photography, and journalism at Western Washington University. He has served on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. Dave will serve as 2nd Vice President. Chair of the Communications Committee. Dave will be his third year on the Board.

Bill Rove '77
Lives in Seattle and works as revenue coordinator for the Washington State Revenue Service. He is a former executive of the Washington State Council of Governments. Bill is a former executive of the Washington State Revenue Service. He will be his second year on the Board.

The Alumni Association is managed by your Board of Directors. They are your representa- tives and welcome your ideas and comments about Alumni activities.

Newly-elected to the Board on September 12 are:

J.C. Armbruster '81
Lives in Olympia, and is currently conducting a job search in the field of journalism in the Olympia-Seattle area. Last year, J.C. served as student representative on the alumni board. He studied English and writing at Evergreen, served on the Publications Board, was a contributing writer for the Cooper Point Journal, held several journalism internships, and was a tutor at the Learning Resource Center.

Scott Baker '77
Lives in Olympia and is vice president of Capital Tree Service, Inc. (tree surgeons). He studied Human Ecology at Evergreen and helped start the Gooduck Yacht Club and the early outdoor education programs. Last year, Scott attended the American Avalanche Institute in advanced avalanche forecasting and has been a student instructor for two Outward Bound programs.

Tim Bessey '75
Lives in Vancouver and manages the camera department of a Montgomery Ward store in Portland. He studied psychology and corrections at Evergreen and is currently active in the Sigma Chi fraternity and the local Marine Corp League’s Young Marines program.

Lisa Fleming '81
Lives in Olympia and is working in the Communications Section of the Department of Labor and Industries as a writer and editor of publications. Lisa served on the Evergreen Council (former Sourdough Board) and the Planning Committee.

Keith Goethner '78
Lives in Spokane and is currently seeking work. Keith studied public administration and cooperative education at Evergreen and was a student cooperative education counselor. He has worked for Pizza Hut Restaurants in Everett and Internis Transit in Olympia.

Mike Hall '74
Lives in Olympia and works in the Cooperative Education office at Evergreen. With a BA in Geography student, Mike was active at KAGS, served on the Board of Directors, and worked as a student financial aid counselor. Mike served on the founding Alumni Board in 1978-79. Mike was creative, owner, and operator of the Gnu Deli restaurant in Olympia for several years and is a Universal Life Church minister.

Anne Pfug '76
Lives in Bellevue and is special assistant to the deanship at Evergreen College. She is also midway through her studies for an MBA at Seattle University. Anne has worked for the cities of Poulsbo, Kirkland, and Pasco, the Puget Sound council of Governments, and the Governor’s office. She studied city planning at Evergreen, served on several OTFs, and held several internships.

George Schoeder '73
Lives in Tacoma and is a U.S. history and civics teacher at Surprise Lake Middle School in Milton. George has also taught at Fife High School. George is a member of Sigma Phi Epsilon fraternity, and is currently president of the Fife Education Association.

Neil Shambaugh '80
Lives in Olympia and is a real estate salesperson for Van Heuvelen Real Estate. Neil studied Management and the Public Interest at Evergreen. He has taken classes in principles and practice of real estate and is currently working on his Real Estate Broker’s License.

Jim Smith '77
Chair of the Board. Jim Smith is the University of Puget Sound Mutual Savings Life Insurance Company and its affiliate, Western Data Corporation. He served on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. Jim will be his third year on the Board.

Jill Fleming '76
Lives in Seattle and recently earned a master’s degree in Business Administration from the University of Wash- ington, and is a financial reporting development officer, Controller’s Division, at Sea-First National Bank’s headquarters office. Former employers have been Safeco Life Insurance Company and the Puget Sound Mutual Savings Life Insurance Company. She is a member of the Board of Directors for the Washington State Council of Governments. This will be Jill’s third year on the Board.

J.P. Jones III '73
Chair of the Board. J.P. Jones is a political science and business administration professor at the University of Washington. He has served on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. J.P. will be his second consecutive year on the Board of Directors.

Jill Fleming '76
Lives in Seattle and recently earned a master’s degree in Business Administration from the University of Wash- ington, and is a financial reporting development officer, Controller’s Division, at Sea-First National Bank’s headquarters office. Former employers have been Safeco Life Insurance Company and the Puget Sound Mutual Savings Life Insurance Company. She is a member of the Board of Directors for the Washington State Council of Governments. This will be Jill’s third year on the Board.

J.P. Jones III '73
Chair of the Board. J.P. Jones is a political science and business administration professor at the University of Washington. He has served on the Board of Directors for the Seattle City Council for 27 years and is a member of the Upper Management Committee. J.P. will be his second consecutive year on the Board of Directors.

Jill Fleming '76
Lives in Seattle and recently earned a master’s degree in Business Administration from the University of Wash- ington, and is a financial reporting development officer, Controller’s Division, at Sea-First National Bank’s headquarters office. Former employers have been Safeco Life Insurance Company and the Puget Sound Mutual Savings Life Insurance Company. She is a member of the Board of Directors for the Washington State Council of Governments. This will be Jill’s third year on the Board.
AlumNotes

James E. Adams '78, Muncie, IN, is a coordinator and teacher in environmental studies at Ball State University's Burtis Lab School and is studying towards a masters degree in education at Indiana University. Since leaving Everett, Jim has also worked for the forest service, park service, and an environmental consulting firm.

Julie L. Baker, '81, Olympia, works as an intern at the Olympia Community Center play school.

Tomas Balderston '80, Olympia, is a part-time natural history teacher and is self-employed as a carpenter specializing in solar re-modeling.

Cecilia Barnett '75, Carson City, NV, received a masters degree in education and a masters degree in comparative literature from the University of Puget Sound. She is now planning to attend law school. She was awarded a "Women Helping Women" award in the media category by the Soroptimist International of Clark Lake Valley and has written spot announcements and a document for a Tacoma television channel.

Dan Bell '78, Portland, a janitor at Zinnion Plywood, is attending law school at Lewis and Clark College.

Richard Bender '74, West Chicago, is a registered nurse at a suburban Chicago hospital and also is selling computers to small businesses for Computer Science, Ltd., a business he shares with his brother.

Scott Bennett '80, Fort Collins, CO, is a cook and baker for Junction Eating Place. Scott is applying to the Denver Institute of Technology to study for an associates degree in architectural drafting.

Neil Bennett '75, Bellingham, WA, recently completed his masters degree in education at Western Washington University and plans to be a school counselor.

Kenneth Berger '76, Monroe, WA, owns and operates Calico Press and Paperworks, a printing business.

Cindy Bettger '79, Tacoma, supervises Group Life staff and classes for 25 to 33 teenage girls at Faith Home.

Timothy Blair '80, Kirkland, WA, is a school bus driver for Bellevue Public Schools. He also is involved in starting a school in Dubai to teach log house building and living off the land.

Jill Boniske '79, Ashville, NC, is a continuing student at New York University studying for a master of fine arts degree in cinema TV.

Clarissa Burt '79, Seattle, is attending the University of Washington and the University of Chicago next year in a Ph.D. program in language and literature.

Nancy Butterfield '79, Tacoma, is the assistant editor of The Indian Voice.

Carol Camerer '79, Ukiah, CA, is a teacher at Pilgrims School.

Wendy Thornton Cameron '78, Norwich, NY, has received her MSRN degree from the Pace Graduate School of Nursing. She currently works for a hospital RN and is seeking certification as a family nurse practitioner.

Frances Carey '79, Eugene, OR, is a letter carrier for the U.S. Postal Service.

Candace Lane Czerney '80, Ashland, OR, is a naturalist in the Rogue Valley schools.

Janet Cleveland '78, Olympia, is a human resource development specialist for the Washington State Department of Employment Security.

Pamela Corwin '80, Olympia, is a counselor and volunteer coordinator for the Women's Shelter Program.

Wilford (Al) Curtice '79, Federal Way, WA, is a test engineer for Tacoma Builders. He conducts and writes test proceedings on electronic systems for use on Coast Guard cutters.

Linda Davis '79, Tenino, WA, is an RN counselor/consultant. Her business consists of RN counseling, workshops, movement therapy, RN teaching and writing.

Ana deGive '78, Seattle, received her teaching Credential from Pacific Oaks this June. She's working as a truck driver for the Seattle Times.

Robert Densmore '79, Kita Kyushu-shi, Japan, is an English teacher at the Tokyo Center for Language and Culture.

Susan Deurer '80, Olympia, is a residential designer/builder.

Justin Dick '79, Fillmore, UT, is a business manager for Western Geophysics. He handles all payroll ordering, billing and office work for a geophysical seismic crew of 30.

Fred Fag-Hilite '79, Juneau, AK, is a wilderness guide for Alaska Discovery. Fred also is a mountain and kite instructor for the University of Alaska at Juneau.

Rob Fellows '80, Seattle, is a part-time bus driver for Metro Transit.

Rob Ferner '81, Aiken, SC, is working for the University of Georgia as a research technician studying the ecology of swamp fish. Rob is also applying to U.G. and several other schools to work toward a masters degree in education.

Jane Fisher '77, Washington, D.C., will receive her M.A. in art history from American University in December.

Lisa Fleming '81, Olympia, writes and edits publications in the Communications Section of the Washington State Department of Labor and Industries.

Margaret Hayes Forsthy '78, Putney, VT, is the controller for the Brattleboro Food Co-op.

Thomas Ghormley '78, Seattle, is the store manager for Dick's Drive-Ins.

Joy Goodrich '78, Port Ludlow, WA, manages a small business which includes secretarial service, tax service and printing.

Mark Gottlieb '77, Stanford, CA, has received two masters degrees in product design and engineering management from Stanford University.

Helen Gould '80, Beverly Hills, CA, is employed in the Guest Relations Department at NBC Studios.

James D. Green '80, Kent, WA, is a systems analyst with Informatics, Inc., in Seattle.

Michael Griggs '81, Olympia, is working on a grant for a documentary film on fishing in Alaska.

Diane Greene '79, Seattle, is a bookkeeper for Fiorin Sports. She's been accepted for the M.S.W. program at the University of Washington.

Shawn Gutshall '78, Santa Barbara, CA, is an upholstery seamstress at Gutshall's Studio, and has applied to Antioch for graduate work in counselling/psychology.

Steven Hadley '80, Seattle, is a house parent at the Shelter Runway Village.

Irma Jean Harris '78, Hoodport, WA, is the office manager for the Shetron office of the city's Department of Washington, Inc. She audits invoices and job closings, posts job cards, bills and collects from customers, performs month-end closing reports and audits.

Martha Hunting '79, Seattle, is a volunteer exhibit designer for City Fair, Metropolitan YMCA Downtown Seattle. She is working toward her master of architecture degree at the University of Washington.

Glenn Huntley '78, South Bend, WA, is managing editor for Willapa Harbor Herald.

Judy Hyslop '80, Medford, NJ, is public relations associate for United Way of Burlington County, NJ.

Matthew Jacobson '81, Olympia, is a writer at Cracker's Restaurant.

Peter Jakes '80, Olympia, is a self-employed general contractor.

Daniel Johansen '74, San Francisco, is general manager of Serge Modular Music Systems.

Scott Kaufman '80, San Francisco, is employed as a liquor store manager/legal clerk while attending the New College of California School of Law.

Karen Kroccke '78, Olympia, is employed by Pittsburgh Testing Laboratories as an inspector/technician.

Alumni Reunion '81

Several months of planning culminated on September 12 with a gala celebration by alumni of the annual gazing of the opening of Evergreen's doors.

At the informal gathering on Friday, alumni were treated to beer and wine served by Evergreen President Dan and Nancy Evans. Assistant to the President Lee and Mary Eldridge, Director of Development Sue Aungier, Alumni Relations Coordinator Bonnie Marie and Association First Vice President Bob Crocker provided a stimulating and thought-provoking educational experience. David Kirkwood Hart, professor in the Department of Business, Government, and Society at the University of Washington's School of Business Administration, delivered a well-received address on progress and potential.

Evergreen faculty member David Marr and several alumni engaged in a spirited discussion of Christopher Lasch's book The Culture of Narcissism, and faculty members Betcy Dennhoff, Ken Dobeste, and Larry Eckstalt led a panel dis-
Bonnie Kinlon ’79, Redondo, WA, passed the CPA exam in November, 1980.

Ellen Kissman ’80, Seattle, is a clinical services assistant for Planned Parenthood of Seattle/King County.

Cindy (White) Knudsen ’79, Olympia, is a computer operator/reader at Olympia Technical Community College where she’s working toward an A.A. degree in computer programming.

Kathryn Knuston ’79, Seattle, is a teacher at Montlake Community Day School, and has just completed a year of graduate studies toward her California teacher credential at The Little School, Bellevue, WA.

Elisabeth Koch ’79, Cincinnati, OH, is an accountant/analyst at Chemicals, Inc.

Karen Kochmeier ’80, Portland OR, is helping a graduate student with her field work for a masters degree in geology. Karen also breaks horses in Central Oregon.

Rebecca Krail ’76, Sunnyside, NY, is attending New York University this fall to obtain her M.P.A. in health administration.

James Kramer ’78, Olympia, is an environmental planner with Thurston Regional Planning Council.

Neil Kramer ’80, Brooklyn, NY, is attending the University of Oregon to obtain an M.S. in instructional technology.

Robyn Lipper ’79, Oakland, CA, is studying toward a Ph.D. in American History at the University of California-Berkeley.

Barbara Lyon ’78, Arlington, VA, is a promotion manager for Petroleum Translation Publishing Services, Inc. She is also attending Georgetown University studying for a masters degree in Arab studies and political science. Barbara will be employed next spring in a large bank in the Middle East as an art portfolio investor.

Andrew MacFarland ’78, Moscow, ID, is attending the University of Idaho to earn a Ph.D. in nuclear physics.

Paul Mastrangelo ’90, Rome, NY, works part-time in the marketing department of Syracuse Stage, a professional regional theater, and is studying toward a Ph.D. in Social Sciences at Syracuse University.

Nancy Moffatt ’80, Olympia, is a district planner for the North Thurston School District.

Suzanne Mulligan ’78, San Francisco, is a program administrator for The Human Resources Group, where she performs supervisory training and recruiting in the area of employee assistance.

Timothy Murphy ’78, Seattle, is attending the UW School of Medicine. He will study in Ireland through the summer.

Wendy Munilhill ’80, Seattle, is a laboratory assistant for Pathologist’s Central Laboratory. She assists in the medical lab, draws blood, centrifuges specimens, does urinalysis and occasionally slides, etc. Wendy plans to apply to a professional program in medical technology.

Kathie McCarthy ’79, Olympia, a feminism movement specialist, has been a variety of dance classes.

Richard McClure, Jr. ’79, Packwood, WA, is an Paleontologist for Gifford-Pinchot National Forest. He is on leave of absence from WSU to complete an M.A. thesis in anthropology.

Tamara McCracken ’80, Wayland, MA, is attending Brandeis University to obtain her Ph.D. in anthropology.

Dan McDonald ’81, began masters degree studies this fall in Harvard University’s City and Regional Planning Program.

Lee Scott McDonald ’74, Charleston, MA, makes paper by hand and conducts lectures and workshops on the craft.

Rick McGarvey ’78, Springield, OR, is a graduate teaching fellow in the Eugene Planetarium while pursuing a Ph.D in physics at the University of Oregon.

Roger McIntosh ’79, Yelm, WA, is a detention attendant with Thurston County Youth Service Center.

Tom McLaughlin ’77, Portland, OR, is self-employed as a house painter.

Shannon Nelson ’78, Olympia, is employed by Employment Security as an interviewer.

Paul Nicholson ’80, Seattle, is attending the University of Washington to obtain his Ph.D in linguistics.

Virginia (Ring) Nilsen ’77, Eugene, OR, and husband Christopher are proud parents of Paige Emma Nilsen, born at home on June 6. Ginny assists with her husband’s business and is studying the Bible and the writings of Mary Baker Eddy.

Fred Nollan ’78, Salt Lake City, UT, is a waiter at Anna-bell’s Restaurant and a technical editor for Libra Programming. Fred received his masters degree in English from the University of Utah this past June.

Edith Wallace Owen ’79, Tacoma, is director of the Orchard Park Convalescent Center, a 140-bed facility.

David Pavelcheck ’80, Olympia, is the Washington State Department of Social and Health Services legislative liaison to Washington, D.C.

Timothy Pearce ’79, Olympia, is a biological technician for the U.S. Fish and Wildlife Service.

Linda Pennington ’80, Seattle, is an account assistant in advertising and public relations for Evans-Pacific, Inc.

Mary Petersen ’79, Vancouver, WA, is a caseworker for the Department of Social and Health Services.

Kenneth Phillipson ’80, Olympia, works for the Forest Service as an assistant forester.

Ellen Pookal ’78, Hoquiam, WA, is a piano teacher, organist and choir director.

Sandra Puechcki ’79, Baltimore, MD, is employed by a radio station as a news reporter for a small coastal town.

Nancy Truitt Pierce ’79, Seattle, is the director of the Displaced Homemakers Program at South Seattle Community College.

Margaret Pummer ’80, Union, NY, is a cook in an alcoholic treatment center and is establishing a small farm.

John Pohl ’78, Charleston, IL, is pursuing his M.S. for his guidance and counseling at Eastern Illinois University.

Candice Poletti ’78, Englewood, CA, is a clinical services assistant at the Lutheran Medical Center.

Lisa Randlett ’78, Olympia, is a land use planning analyst for Gray’s Harbor County and administers the zoning subdivision and shorelines management program.

Gregory Renault ’73, Tacoma, is a crisis counselor at the Kitsap Youth Homes, Tacoma Crisis Residential Center and a political science instructor at Centralia College.

Kimberley Richardson ’79, Seattle, is a program coordinator and river guide for Zag Zag River Runners. She is also attending the University of Washington Japanese extension language program to prepare for a one-year visit to Japan in 1982.

Douglas Roberts ’79, Olympia, is a milling supervisor for Rodgers & Associates Insurance Co.

Katie Rodgers ’79, Olympia, is an associate office manager for Rodgers & Associates Insurance Co.

Julie Roswall ’80, Olympia, is the training project coordinator for KAOS, and is applying to graduate schools in work in communications/urban and regional planning.

Mary Scott ’79, Pullman, WA, is a clinical services assistant for the Mt. Adams Fire Suppression Crew.

Loretta Sharpe ’78, Trout Lake, WA, is a foreman with the Mt. Adams Fire Suppression Crew.

Fran Smith ’78, Port Angeles, WA, is an accountant for ITT Rayonier.

Doug Scrima ’78, Tenino, WA, is an admissions counselor at Evergreen.

Maureen Schilling ’80, Portland, OR, is a dance teacher and a political science instructor at the University of Oregon.

Lisa Randlett ’78, Olympia, is a cook in an alcoholic treatment center and is establishing a small farm.

John Pohl ’78, Charleston, IL, is pursuing his M.S. for his guidance and counseling at Eastern Illinois University.

Candice Poletti ’78, Englewood, CA, is a clinical services assistant at the Lutheran Medical Center.

Mary Petersen ’79, Vancouver, WA, is a caseworker for the Department of Social and Health Services.

Kenneth Phillipson ’80, Olympia, works for the Forest Service as an assistant forester.

Ellen Pookal ’78, Hoquiam, WA, is a piano teacher, organist and choir director.

Sandra Puechcki ’79, Baltimore, MD, is employed by a radio station as a news reporter for a small coastal town.

Nancy Truitt Pierce ’79, Seattle, is the director of the Displaced Homemakers Program at South Seattle Community College.

Margaret Pummer ’80, Union, NY, is a cook in an alcoholic treatment center and is establishing a small farm.

John Pohl ’78, Charleston, IL, is pursuing his M.S. for his guidance and counseling at Eastern Illinois University.

Candice Poletti ’78, Englewood, CA, is a clinical services assistant at the Lutheran Medical Center.

Lisa Randlett ’78, Olympia, is a land use planning analyst for Gray’s Harbor County and administers the zoning subdivision and shorelines management program.

Gregory Renault ’73, Tacoma, is a crisis counselor at the Kitsap Youth Homes, Tacoma Crisis Residential Center and a political science instructor at Centralia College.

Kimberley Richardson ’79, Seattle, is a program coordinator and river guide for Zag Zag River Runners. She is also attending the University of Washington Japanese extension language program to prepare for a one-year visit to Japan in 1982.

Douglas Roberts ’79, Olympia, is a milling supervisor for Rodgers & Associates Insurance Co.

Katie Rodgers ’79, Olympia, is an associate office manager for Rodgers & Associates Insurance Co.

Julie Roswall ’80, Olympia, is the training project coordinator for KAOS, and is applying to graduate schools in work in communications/urban and regional planning.

Mary Scott ’79, Pullman, WA, is a dance teacher and a political science instructor at the University of Oregon.

Lisa Randlett ’78, Olympia, is a cook in an alcoholic treatment center and is establishing a small farm.

John Pohl ’78, Charleston, IL, is pursuing his M.S. for his guidance and counseling at Eastern Illinois University.

Candice Poletti ’78, Englewood, CA, is a clinical services assistant at the Lutheran Medical Center.

Mary Petersen ’79, Vancouver, WA, is a caseworker for the Department of Social and Health Services.

Kenneth Phillipson ’80, Olympia, works for the Forest Service as an assistant forester.

Ellen Pookal ’78, Hoquiam, WA, is a piano teacher, organist and choir director.

Sandra Puechcki ’79, Baltimore, MD, is employed by a radio station as a news reporter for a small coastal town.

Nancy Truitt Pierce ’79, Seattle, is the director of the Displaced Homemakers Program at South Seattle Community College.

Margaret Pummer ’80, Union, NY, is a cook in an alcoholic treatment center and is establishing a small farm.

John Pohl ’78, Charleston, IL, is pursuing his M.S. for his guidance and counseling at Eastern Illinois University.

Candice Poletti ’78, Englewood, CA, is a clinical services assistant at the Lutheran Medical Center.
The 1981-82 alumni directory, which includes all grads through Summer Quarter, 1980, is ready for you, thanks in part to the following Evergreeners who contributed to this year's edition. We gratefully acknowledge: Patricia Bliss, CPA Olympia, WA

Robert Formm Dragon Designs Olympia, WA

John Gerecht Free Lance Photography Olympia, WA

Willie Jackson Action Research Associates Tacoma, WA

Bill Morris West Realty Shelton, WA

Dave Rauh Op Magazine Olympia, WA

Steve Richter Action Research Associates Tacoma, WA

Rick Ricks Attorney at Law Washington, DC

Neil Shamberg Van Dam Realty, Inc. Olympia, WA

Jim Stonecipher Rogue Enterprises Olympia, WA

Connie Strope Graphic Design Seattle, WA

Al Zimmerman Action Research Associates Tacoma, WA

Special thanks also to Mark Cleemens of the graphics staff for his improved formal suggestions and cover design; to Bonnie Marie, Alumni Coordinator, for overall coordination of the project, and to Bill Parsons, Alumni Office student assistant, for paste-up work.

To order your directory, send a check or money order for $3, payable to TESC Alumni Directory, To Alumni Office, The Evergreen State College, Olympia, WA 98505. And, remember, if you join the Alumni Association ($7.00), you will receive a complimentary membership directory. Such a deal.

Nuptials

Doug King '77 and former Evergreen student Robin Stanton on September 19 in Seattle.

Elizabeth Boyle '75 and Dwight Nickelson on September 12, in Portland.

Martha West '80 and Dale Fawer 30 on September 12 in Olympia.

Put a Shirt on Your Back

We have a new supply of Association T-shirts, in the latest in alumni fashion. Now in demand by all who seek to become the best-dressed alumni, the shirts are available in Geoduck green with white lettering (standard style) or in white with green lettering (women's French-cut style).

To order, simply send a check or money order payable to TESC Alumni Association, to a Geoduck green with white lettering for men or French-cut style for women, to the Evergreen State College, Olympia, WA 98505. Be sure to state the size you need: small, medium, large, extra large.

Join the Geoduck Brigade

It's that time again—Association "dues are due" for the 81-82 academic year.

More than 200 alumni paid their Association memberships last year, adding nearly $1,600 to our coffers. These funds enabled alumni planners to be "much more creative in our programming" and allowed us to give members reduced rates on college services, provided testimony before legislative committees, assisted in the College's public relations and legislative efforts, and planned and executed social, recreational, and intellectual events for alumni.

Purpose of the Alumni Association, according to by-laws, is "to provide an avenue for the pursuit of members' mutual interests, and to provide support to the program and philosophies of The Evergreen State College."

Marie says the Association "has worked hard to meet these goals since its formal organization in the fall of 1978. We've helped recruit students, negotiated reduced rates for alumni at the Recreation Center and in the Leisure Education program, provided testimony before legislative committees, assisted in the College's public relations and legislative efforts, and planned and executed social, recreational, and intellectual events for alumni."

Continued and new financial support of the Association by alumni "will help us maintain existing service and implement new ones for the benefit of both Evergreen and its graduates," adds Marie. "So, due it now. Become an Association member. Here's how:"

Put out the coupon above. Send it along with a check or money order for $7.50, payable to TESC Alumni Association, to a Geoduck green with white lettering for men or French-cut style for women, to the Evergreen State College, Olympia, WA 98505.

To order, simply send a check or money order payable to TESC Alumni Association, to a Geoduck green with white lettering for men or French-cut style for women, to the Evergreen State College, Olympia, WA 98505. Be sure to state the size you need: small, medium, large, extra large.

Alumni Notes continued from previous page

Deborah Shaver '75, Olympia, was recently named director of public relations at St. Peter Hospital. Since leaving Evergreen, Debbie has served as public relations director for the Point No Point Treaty Council in King- ston, Washington, the Northwest Indian Fisheries Commission in Olympia, and the Arabian Horse Registry of America in Denver, Colorado.

Barbara Short '78, Olympia, is a firearms and paramedic for the Olympia Fire Department.

Richard Shory '80, Port Townsend, WA, is on "The Walk to Moscow," a peace walk which started at the Trident Nuclear Submarine Base, Bremerton, March 1. The group of about 20 people plans to arrive in Washington, D.C., about Thanksgiving and will continue their trek from the coast of Ireland in hopes of arriving in Moscow in August.
Budget Cuts Will Force Enrollment Reductions

More than 40 supporters gathered at the home of President and Mrs. Dan Evans in September to launch the booster group, which is now drafting its official constitution and bylaws and seeking to select its first slate of officers.

"By the first of the year we hope to have the backers fully operational," Lambert noted. "We'll then be able to concentrate on expanding our membership in the community, to promote financial support of our athletic program, and to increase attendance at our games and matches." The group is interested in joining the Clambackers are invited to contact Lambert. Birmingham Community Center. They're also encouraged to check out the new stickers now adorning Evergreen bumper. They say they brought their "Let's Go State Bird." Get your sticker for $1.50 through the Alumni office.

The college is forced to live within "these crippling conditions for any extended period of time," Evans said, "we'll have to undergo a complete reorganization and scale down our athletic operation."

Evergreen will lose more than 20 faculty positions in the two-year period, including the majority of part-time and faculty positions, nearly all of the one-year visiting appointments, and possibly even some regular faculty jobs. The college will also lose 50 staff positions, including full-time, part-time, temporary and institutionally-funded student jobs.

These losses will have clear effects on the quality and variety of college services, according to the president. The enrollment reduction cuts to be implemented for new high school and community college transfer students by 14 percent next year, Evans said. "It severely restricts the number of part-time classes we'll be able to offer, especially for adults in our immediate service area, and it may significantly reduce access to the college for thousands of southwest Washington citizens."

As a result, Evans explained, fewer community residents will be able to use the library, which has more than 5,000 off-campus borrowers. The Community Center will have to eliminate its basic computer instruction programs and free access to its equipment by high school students. The College Recreation Center will have to impose higher use fees, and Evergreen's athletic programs will be curtailed.

In addition, Evergreen's ability to maintain and repair its facilities and equipment will be restricted, and its sponsorship of an array of cultural and educational activities will be severely cut—or completely eliminated.

If the college is forced to live within "these crippling conditions for any extended period of time," Evans said, "we'll have to undergo a complete reorganization and scale down our athletic operation."

Evergreen's sister institutions throughout the state are in the same fiscal straits, he added. "Evergreen's only hope is that student support levels in state government and the private sector will increase so the state can return at least some of the monies.recaptured this fall."

"I believe," he stressed, "that student support is a gross breach of faith to the thousands of Evergreen students."

The enormous success of Evergreen's athletic booster fund system has unquestionably helped make Washington a state whose work force is highly productive, whose citizens have among the highest income of any in the nation, and whose quality of life is among the best," the former three-term governor pointed out. "In this time of financial crisis, let us not lose courage nor forget that investment has provided the benefits we now enjoy."
1980-81 Contributions Top $100,000 Mark

President’s Club (Gifts of $1,000 and above)

Wesley and Marie Berglund
Frederick and Judith Bearse
James Buel
William J. Burke
George and Margaret Davy
Herb Hefler
Fred and Dorothy Haley
Helen and Caroline Kinnear
Frank Krell
D. L. Low Jr.
Janet and John Martin
John and Betty Gallagher
James Alex Forsman
Herb and Carol Fuller
Joseph J. Fiorilli
Charles S. Matthews
Daniel and Nancy Evans
R. H. and Idalice Dickinson
Mr. and Mrs. Henry Brockhaus
Ernest and Dorothy Cahili
Katherine M. Bullitt
O. John Anderson
Janet and Grin Smith
Dennis and Joan Peterson
Herb Hadley
Robert S. Bergman
Lafe and Joan Bauer
Norman and Nancy Wooldridge
Joan Straus Cullman
Harry and Judi Mulick
Hal Wolf
Walter B. Williams
Bruce and Mary Stevenson
Sidney L. Lasell
Janice and Murray Thomas
Walter S. Miller
Hal Wolf

Cooper Point Club (Gifts of $500-$999)

Josh Stears Cullman
Robert and Ena Evans
Albert MacIntosh
Charles S. Matthews
Dennis and Joan Peterson
Jane and Dick Seker
Norman and Nancy Woodruff

Tower Club (Gifts of $100-$499)

C. John Anderson
Kathleen M. Bult
Ernest and Dorothy Cahill
John and Jean Eoff
Harl and Carol Fuller
Richard New
Jan New
Jonathan S. Schwer
Philip J. Shinn
Vanessa Hay Barse

Evergreen 100 Club (Gifts of $100-$499)

Barndouw and Doris Alper
W. S. and Elizabeth Alper
Dale and Rebecca Barnes
Lin and John Bower
Jan and Eise Boshoff
Mike and0 and Dana Dasse
R. H. and Michelle Dickson
Stephen and Louise Dearmyre
Miller and Dorothy Downs
William and Dorothy Duvall
Kathy Edson and Vasily Deyter
Donahue Mays
C. W. and Norene Eldridge
Mike and Joan Ellgren
James Elle
Kari Ertel
Roger and Susan Fehr
Robert and Carol Flanders
James Alex Foreman
Robert Fugate
John and Betty Gallagher
Alan and Susan Gallegos
Alain Goldberg
Paul H. Glickman
Ralph J. Goffin
Ray and Christine Hayworth
John W. and Charlie Hervet
L. R. Hennings

H. Warren and Gerry Ghormley
L. R. Hennings
Ray and Christine Hayworth
George W. and Lila Girvin
Richard and Rose Gentzell
Ann Dear Gavell
John and Betty Gallagher
James Alex Forsman
Herb and Carol Fuller
Joseph J. Fiorilli
Charles S. Matthews
Daniel and Nancy Evans
R. H. and Idalice Dickinson
Mr. and Mrs. Henry Brockhaus
Ernest and Dorothy Cahili
Katherine M. Bullitt
O. John Anderson
Janet and Grin Smith
Dennis and Joan Peterson
Herb Hadley
Walter B. Williams
Bruce and Mary Stevenson
Sidney L. Lasell
Janice and Murray Thomas
Walter S. Miller
Hal Wolf

Alumni Donors

Francis Stephen Agnew
Mary Frances Albrecht
Edward Arthur Albrecht
Christine Clare Albgren
Charles K. Anderson, Jr.
Robert A. Anderson
John H. Anderson
Marian Black
T. M. Blackman
Lisa Blackman
Scott F. Benedetti
James Scott Bennett
John Steven Bennett
Barbara G. Bennett
Doreen B. Bennett
Betty Lee Berry
Shelley Black
Judith Kimball Blackman
William J. Blackman
John Robert Boration
Robert Louis Blakay
Ann McAllister Blakeman
Marcia Bowen
Robert L. Blue
Amelia Brown
Dorothy Brown
Barbara Brown
George Brown
Andrea Brown
Michelle Brown
Susan Brown
Sally Brown
Sarah Brown
Karin A. Brown
Karen L. Brown
Patricia Brown
Alison A. Brown
Candace Bristol
Karen Bristol
Kathleen Bristol
Jennifer Brubaker
James A. Brugman
John W. Brumfield
Suzanne A. Brumfield
Lee Brumfield
Donald Brumfield
D. L. Low Jr.

Alumni Donors

Francis Stephen Agnew
Mary Frances Albrecht
Edward Arthur Albrecht
Christine Clare Albgren
Charles K. Anderson, Jr.
Robert A. Anderson
John H. Anderson
Marian Black
T. M. Blackman
Lisa Blackman
Scott F. Benedetti
James Scott Bennett
John Steven Bennett
Barbara G. Bennett
Doreen B. Bennett
Betty Lee Berry
Shelley Black
Judith Kimball Blackman
William J. Blackman
John Robert Boration
Robert L. Blue
Amelia Brown
Dorothy Brown
Andrea Brown
Michelle Brown
Susan Brown
Sally Brown
Sarah Brown
Karin A. Brown
Karen L. Brown
Patricia Brown
Alison A. Brown
Candace Bristol
Karen Bristol
Kathleen Bristol
Jennifer Brubaker
James A. Brugman
John W. Brumfield
Suzanne A. Brumfield
Lee Brumfield
Donald Brumfield
D. L. Low Jr.

Alumni Donors

Francis Stephen Agnew
Mary Frances Albrecht
Edward Arthur Albrecht
Christine Clare Albgren
Charles K. Anderson, Jr.
Robert A. Anderson
John H. Anderson
Marian Black
T. M. Blackman
Lisa Blackman
Scott F. Benedetti
James Scott Bennett
John Steven Bennett
Barbara G. Bennett
Doreen B. Bennett
Betty Lee Berry
Shelley Black
Judith Kimball Blackman
William J. Blackman
John Robert Boration
Robert L. Blue
Amelia Brown
Dorothy Brown
Andrea Brown
Michelle Brown
Susan Brown
Sally Brown
Sarah Brown
Karin A. Brown
Karen L. Brown
Patricia Brown
Alison A. Brown
Candace Bristol
Karen Bristol
Kathleen Bristol
Jennifer Brubaker
James A. Brugman
John W. Brumfield
Suzanne A. Brumfield
Lee Brumfield
Donald Brumfield
D. L. Low Jr.

Alumni Donors

Francis Stephen Agnew
Mary Frances Albrecht
Edward Arthur Albrecht
Christine Clare Albgren
Charles K. Anderson, Jr.
Robert A. Anderson
John H. Anderson
Marian Black
T. M. Blackman
Lisa Blackman
Scott F. Benedetti
James Scott Bennett
John Steven Bennett
Barbara G. Bennett
Doreen B. Bennett
Betty Lee Berry
Shelley Black
Judith Kimball Blackman
William J. Blackman
John Robert Boration
Robert L. Blue
Amelia Brown
Dorothy Brown
Andrea Brown
Michelle Brown
Susan Brown
Sally Brown
Sarah Brown
Karin A. Brown
Karen L. Brown
Patricia Brown
Alison A. Brown
Candace Bristol
Karen Bristol
Kathleen Bristol
Jennifer Brubaker
James A. Brugman
John W. Brumfield
Suzanne A. Brumfield
Lee Brumfield
Donald Brumfield
D. L. Low Jr.
Evergreen Expressions Series Headlines Review Calendar

November
17 Free lecture on "The Underground Homes of Tunisia," by Evergreen faculty physicist Dr. Robert Cole, 8 p.m. Recital Hall, Communications Building.
21 Tenth annual Turkey Trot, a 2.7-mile road race to win your Thanksgiving dinner. Registration begins at 10 a.m. in front of the Evans Library and costs $4.
26-27 Thanksgiving Holiday, campus closed.

December
1 The Oregon Shakespearean Festival sends a traveling team of performers to Olympia to stage a potpourri of the great bard's writings, plus selections from other classical and contemporary works. 8 p.m., Recital Hall, Communications Building. This Evergreen Expressions event costs $4 general or $5 for students and senior citizens.

January
4 Winter Quarter classes begin.
20 Meredith Monk and Vocal Ensemble. Widely regarded as one of America's most versatile artists, Monk pioneers new art forms using sound, movement and theater for what critics call "one of the most extraordinary experiences." Her "astonishing" work, which has earned her the title of "the most significant interdisciplinary artist of our time," appears at 8 p.m. in the Experimental Theater of Communications Building as part of the Evergreen Expressions Performing Arts Series. Tickets: $5 general, $4 students and senior citizens.

February
3 Doc Watson, one of the most renowned folk artists of our time, brings his popular band to town for an evening ranging from bluegrass to country, gospel to blues in a versatile style that combines dazzling speed and technique on guitar with his exceptional singing style. This Evergreen Expressions show begins at 8 p.m. in the Evans Library and costs $7 general or $6 for students and senior citizens.

March
8 Laurie Anderson, a powerful creator and performer, joins her audience with elegant mosaics, fusing film, slides, talking-singing, rock-based music and gently ironic stories. She'll stage her "rave against evilism" at 8 p.m. in the Experimental Theater of Communications Building. Tickets: $5 general, $4 students and senior citizens.
15 Eiko and Koma, a remarkable Japanese dance team which has captured the hearts of theatergoers since it opened in London two decades ago, combine talents with musical guest artists for "First Sundays" concert. 7:30-9:30 p.m., Recital Hall, Communications Building $2.50.
16 Last day of Fall Quarter, 1981.
24-25 Campus closed for Christmas holidays.

April
8 Joni Mitchell, the highly acclaimed Canadian folk singer and songwriter, brings her audience on a journey through the songs of her most creative years. The evening features a wide range of songs, many of them new and previously unperformed. Mitchell's music is both personal and political. Tickets: $10 general, $9.37 (in-state residents) or $9.72 (out-of-state residents) for students and senior citizens.
16 "Stop the World—I Want To Get Off," the musical that opened in London two decades ago, plays for ten performances under the direction of Evergreen's Ruth Palmerlee. 8 p.m. Thursday through Sunday and 3 p.m. Sunday matinees. Tickets for this Evergreen Expressions event are $4 general, $2.50 for students and senior citizens.
8-9 Joplin, a musical that explores the life of American blues singer and pianist Ma Rainey. Tickets: $10 general, $9.37 for students and senior citizens.
16 "The Renegade," a musical that explores the life of Russian poet and revolutionary Alexander Berkman. Tickets: $10 general, $9.37 for students and senior citizens.

May
19 Eiko and Koma, a remarkable Japanese dance team which has captured the hearts of theatergoers since it opened in London two decades ago, combine talents with musical guest artists for "First Sundays" concert. 7:30-9:30 p.m., Recital Hall, Communications Building $2.50.

Jones Waxes Eloquent on Evergreen

The Evergreen Experiment, the recently-released book by faculty member Dr. Richard Jones, is now available for purchase by mail from Evergreen's Bookstore.

Of particular interest to alumni, the book details the history of coordinated studies and the implementation of that study made at Evergreen from the perspective of a faculty member who has served the college since 1970.

To order your copy, mail a check or money order payable to TESC Bookstore, for $8.95 (out-of-state residents) or $9.37 (in-state residents) plus sales tax to TESC Bookstore, The Evergreen State College, Olympia, WA 98505.

This Fall '81 issue of the Evergreen Review features a series of essays on energy, as its title suggests, that have been studied, researched, and developed by Evergreen students, faculty, and community residents for the benefit of the public. The essays explore the history of coordinated studies and the implementation of that study made at Evergreen from the perspective of a faculty member who has served the college since 1970.

To order your copy, mail a check or money order payable to TESC Bookstore, for $8.95 (out-of-state residents) or $9.37 (in-state residents) plus sales tax to TESC Bookstore, The Evergreen State College, Olympia, WA 98505.