

HEASC News, Spring 2006

Volume 1, Number 1 of the newsletter of the . . .

Higher Education Associations Sustainability Consortium (www.heasc.net)

Save the Date - May 9, 2006

HEASC 2006 Sustainability Luncheon: Washington, DC

Open to higher education associations (HEAs).

See "Upcoming Events."



Julian Keniry of the Campus Ecology Project addresses assembled association leaders at APPA headquarters in Alexandria, Virginia at the HEASC founding meeting. Images by Terry Calhoun

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1. Welcome to HEASC

New National Effort to Advance Sustainability in Higher Education is Launched

Welcome to the first quarterly newsletter of the Higher Education Associations Sustainability Consortium (www.aashe.org/heasc). HEASC is an informal network of higher education associations (HEAs) with a commitment to advancing sustainability within their constituencies and within the system of higher education itself.

HEASC was formed by leaders of several HEAs to support and enhance the capacity of higher education to fulfill its critical role in producing an educated and engaged citizenry and the knowledge needed for a thriving and civil society. These organizations recognize that fulfilling their mission in the 21st century requires a broader, systemic, collaborative approach to their own work and that of the constituents they serve. The societal challenges to create vibrant, secure communities and strong economies while preserving the life support system on which we all depend are

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Welcome to HEASC (cont'd)

daunting and will only increase as the world's population and our need to increase economic output grows.

The urgency of these challenges have recently emerged publicly in the form of devastating hurricanes, the economic and political volatility of U.S. dependence on oil, and the effects of global warming appearing decades ahead of scientific projections. This is happening with 20 percent of the world's population consuming 80 percent of the world's resources. How will we cope in a world that *will* have nine billion people and that plans to increase GWP by 500 percent by 2050? This is an awesome ethical and intellectual challenge for higher education.

As Einstein said, "We can't solve today's problems at the same level of thinking at which they were created." We need an unprecedented shift in the way we think and act. The 21st century challenges must be addressed in a systemic, integrated, and holistic fashion. HEASC's founders believe that higher education must take a leadership role in shaping a healthy, thriving, and sustainable society because of its role in preparing most of the professionals who develop, lead, manage, teach, work in, and influence society's institutions, including the most basic foundation of K-12 education.

Recently, in "The Next Green Revolution," Alex Nikolai Steffen notes that we are trashing our planet "not because we're evil"; it's just that our homes and other buildings, manufacturing facilities and processes [and mining, farming, etc.] are "primitive inventions designed by people who didn't fully grasp the consequences of their actions." (*Wired*, May 2006). What he didn't note was that the people who created those facilities, processes, and inventions were mostly trained by our higher education institutions.

It has been research of many academic disciplines, primarily done at higher education institutions, that has brought us around to the understanding we now have about the challenges we face. And, just like it was the engineers, designers, economists, philosophers, politicians, et al., who helped create the

technological and other aspects of the culture we now live in, it is their counterparts who are now in our schools, or coming to them soon, who must learn how create a sustainable world through their professional lives.

Thomas L. Friedman, in "The Greenest Generation" (*New York Times*, April 21, 2006), said: "C'mon kids, wake up and smell the CO2! Everybody — make your school do it in the dark! Take over your administration building, occupy your university president's office or storm in on the next meeting of your college's board of trustees until they agree to make your school carbon-neutral. (And while you're at it, ban gas-guzzling G.M. Hummers from your campus as well!)"

When Friedman speaks at the Campus of the Future conference in July, he will learn that the professionals on campus don't have to be stormed or their buildings occupied. They're already in there working for change. They know that their work in all aspects of higher education learning and practice must be integrated, systemic and collaborative to support students becoming literate about our sustainability challenges and engaged in the solutions.

The HEAs that have formed HEASC see the need for developing in-depth capability to address sustainability issues through their associations and have decided to work together in this effort. Our purpose is to learn from each other, work together on joint projects, get access to the best expertise and information on sustainability, and to keep a collective, ongoing focus on advancing education for a sustainable future over time. HEASC hopes to involve all higher education associations to get the broadest perspectives and produce the greatest effectiveness and synergy in our efforts. Second Nature (secondnature.org), a leader in the effort to make sustainability a goal of all higher education learning and practice, has been asked to coordinate HEASC. Debra Rowe, a leader of the U.S. Partnership for the UN Decade of Education for Sustainable Development has partnered with Anthony D. Cortese, president of Second Nature, in carrying out this role.

These efforts build on the incredible and exponentially growing work being done at

Welcome to HEASC (cont'd)

hundreds of colleges and universities on environmental, social and economic sustainability during the past decade and the 17 HEAs with active sustainability programs. HEASC is also designed to enhance the positive impact of the U.S. Partnership for the UN Decade of Education for Sustainable Development (www.uspartnership.org) and the newly created Association for the Advancement of Sustainability in Higher Education (www.aashe.org), working with faculty, administrators, students, and staff to advance sustainability in colleges and universities across North America.

We hope this quarterly newsletter will advance the work of HEASC members, other HEAs, colleges and universities, non-profit organizations, government, and the private sector on sustainability in higher education. This will then lead to a more healthy, thriving, and sustainable society. We hope that the readers of this newsletter will provide feedback, contribute to its content, and suggest other information that will be useful for your work.

We also hope that all HEAs will join HEASC and contribute the broad perspectives and expertise that will increase the quality, synergy, and rapid adoption of sustainability principles and programs by faculty and academic administrators, trustees, students, student life and services officers, facilities managers, business officers, planners, purchasers, food service managers, residential housing directors, events and conference directors, and all others in higher education. In our view, only the rapid, collaborative, and collective effort of all of these groups will help us reach the “tipping point” to make a healthy, thriving, and sustainable future the goal of higher education and a reality for society.

The authors of this article are **Anthony D. Cortese**, newsletter editor, and **Debrra G. Rowe**, both HEASC Coordinators.

2. Feature Story

Campuses that Confront Global Warming Reap the Rewards

Colleges and universities all across the country are quickly rallying to confront global warming. A handful of institutions, including Oberlin College, Tufts University, and SUNY-Buffalo (UB), have long led the charge, recognizing early on that climate leadership is right from an ethical standpoint and in their communities’ best short- and long-term interests. These leaders are among the vanguard of a broadening consensus. The movement for public accountability will only increase as the media’s portrayal of global warming shifts from an emphasis on debate and uncertainty—prior to hurricanes Katrina and Rita—to an acknowledgement of scientists’ nearly universal agreement that human beings are rapidly influencing the Earth’s climate and must dramatically curb carbon pollution within a few years. For example, *TIME* magazine declares on its April 3, 2006 cover: “climate change isn’t some vague future problem—it’s already damaging the planet at an alarming pace.”

As we burn fossil fuels for energy and transportation, we release carbon dioxide and other gases that took millions of years to sequester back into our atmosphere, where they act like a blanket, or greenhouse, trapping the sun’s radiant energy. Air bubbles trapped in ice cores drilled from Antarctica show that the rising concentrations of carbon dioxide and methane in the Earth’s atmosphere since the industrial era are unprecedented in 650,000 years (*Science*, November 25, 2005) and track closely to increases in global average surface temperatures. Warming temperatures signal the litany of familiar consequences, including rising sea levels and insurance costs, increased frequency and severity of hurricanes, eroded habitat, and dwindling biodiversity.

Diverse constituencies Engage

At the National Wildlife Federation, where our mission is to protect wildlife for our children’s future, we have made slowing global warming a top priority. Polls commissioned by NWF of hunters and anglers, who comprise a large part

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Feature Story (cont'd)

of our traditional member base, indicate that 80 percent want the United States to be a world leader in tackling global warming. In addition to our educational and policy initiatives, we are working to curb carbon pollution associated with our operations. One of our most recent efforts was to make the annual meeting of all of our state affiliate leaders across the United States carbon neutral. We partnered with Carbon Fund (www.thecarbonfund.org) to estimate and offset emissions with clean energy credits.

The health and medical communities, youth, and evangelicals are also adding their voices to the chorus for public accountability on global warming. In February, more than 80 Christian leaders urged Congress to curb carbon pollution (*The New York Times*, February 8, 2006). A little more than a year ago, 16 non-profit organizations formed the Energy Action coalition and launched the Campus Climate Challenge (www.campusclimatechallenge.org), a campaign to reduce net emissions of carbon dioxide at 1,000 colleges and universities by at least 30 percent below 2005 levels by 2020. To date, hundreds of campus leaders have hosted related actions and joined the challenge, becoming eligible to select from the 16 (now 30) coalition member organizations as host to support their work. Mayors have also coalesced around this issue. In June 2005, the Mayors Climate Protection Agreement (www.cityofseattle.net/mayor/climate) was unanimously passed by the U.S. Conference Of Mayors, which pledged to reduce CO₂ by 7 percent or more below 1990 levels by 2012.

Campuses Benefit from Leadership

Of all of the constituencies working to confront global warming, none is more important—or stands to benefit more—than colleges and universities. Campuses that lead in curbing carbon pollution:

- ▶ Give students an edge on good careers. Investment in clean, renewable energy will create 240,000 new jobs by 2020. That's 10 times more jobs than the fossil fuel sector will generate, according to a report by Dr. Daniel Kammen and other researchers at the University of California at Berkeley ("Putting Renewables to Work: How Many Jobs Can the Clean Energy Industry

Generate?" April 2004). Overall, the environmental protection field employs 2.5 million people and the industry generates \$172 billion in annual revenues, according to the non-profit Environmental Careers Organization (www.eco.org). That is more than either the petroleum or aerospace industries. During the next several years, a large retirement wave is expected in the natural resources and environmental fields that will make even more jobs available to college graduates. Universities that invest in climate-friendly learning and practice will better prepare students for new career opportunities.

- ▶ Demonstrate greater fiscal responsibility. The longer that institutions of higher education have worked to seriously conserve energy and improve energy efficiency, the more money they have saved taxpayers and parents who finance student tuition. No university better exemplifies this than UB, where Energy Officer Walter Simpson and his colleagues have implemented more than 200 conservation projects since the early 1980s. A combination of creative strategies ranging from recruiting building conservation coordinators, to producing high performance building guidelines, to shifting to co-generation save the university well in excess of \$9 million annually (*Facilities Manager*, January/February 2005).

- ▶ Foster better community health and relations. As any city council member with a sizeable college or university in the area can attest, few aspects of university life impact community health and well being more than the traffic to and from campus. By providing faculty and staff with various incentives not to drive alone, Cornell University has reduced vehicle miles traveled to and from the campus each year by more than 10 million miles, minimizing the need for expensive new parking spaces and reducing campus CO₂ emissions by almost 7 million pounds.

- ▶ Enhance safety and security. Safety and security related to university energy choices are growing fields of inquiry with many dimensions, ranging from reducing future costs and ensuring the availability of insurance, to ensuring the supply of critical energy during power outages, to choosing secure endowment investments, to reducing the risks of international conflict. It is fair to say that campuses that make climate-friendly choices today also improve safety and security while reducing

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costs to themselves and society tomorrow.

Performance-based approach

The shifts toward sustainability recommended by members of HEASC and other HEAs in recent journals and conference proceedings will address the root causes and help avert the problem of global warming. At the same time, pursuing sustainability through the lens of global warming provides a powerful impetus for setting sustainability performance targets and timetables, using carbon dioxide as one overarching metric for a range of activities—from building energy use to waste reduction and greener fleets.

Capping concentrations of carbon dioxide in the atmosphere within ranges recommended by scientists (450-550 ppm) requires that we curb our net emissions of carbon dioxide by 70 percent below 1990 levels by the middle of the 21st century (Flannery, *Weather Makers*, 2005:168). If we use 2005 as our baseline (since many universities will not have ready access to 1990 data) and start seriously curbing emissions now, we can achieve these targets if we reduce net emissions by an average rate of 2 percent of baseline emissions per year from here going forward (30 percent by 2020, 50 percent by 2030, and 70 percent by 2040). Each year we wait will require steeper average net annual cuts in emissions.

The word *net* is important. In a recent NWF telecast on climate action, Sarah Hammond Creighton, manager of Tufts Climate Initiative, said: “The Earth doesn’t care if we reduce a little energy here or there, if our overall emissions increase.” Her observation poignantly expresses the scope of the challenge before us: Regardless of whether we choose to construct new buildings or grow the student population on campus, carbon emissions must not merely remain even with today’s levels; they must be reduced by one third in only a few years, cut in half within a couple of decades, and cut nearly to the point of carbon neutrality by the time most students in college today reach middle age.

Among other things, this means dramatically improving energy efficiency, using clean energy sources that do not produce greenhouse gases for

almost all building energy and transportation needs, mitigating any residual emissions by protecting and restoring natural carbon sinks, purchasing almost exclusively local and organic foods and materials, eating lower on the food chain, and inventing more sustainable ways to travel. It means that faculty, students, and administrators will be counted on by society to develop innovative solutions we have not yet thought of and to hasten adoption of these solutions by the wider society by modeling and disseminating information about advances and advocating for smarter policies, enhanced incentives, and greater research funding at all levels of government.

Taking the Next Steps

In the shorter term, reducing carbon pollution will require a performance-based approach to the task of sustainability on campus. This entails setting goals, prioritizing among options for achieving them (to maximize scarce time and resources), employing systems thinking (to avoid unintended consequences), and using lifecycle analysis (to weigh the full costs and benefits of competing choices). These are good practices on any campus and provide excellent learning opportunities for students.

More specific steps include:

- ▶ making formal university commitments to confront global warming;
- ▶ helping faculty educate students in all disciplines about the problem and solutions;
- ▶ establishing a greenhouse gas baseline for the campus using emissions inventory protocols;
- ▶ developing action plans for tackling emissions;
- ▶ designing and implementing an array of projects;
- ▶ adapting employee orientation and professional development;
- ▶ crafting energy policies;
- ▶ integrating carbon-reduction targets and timetables into master planning and budgeting processes;
- ▶ conducting regular assessments; and
- ▶ reporting annually.

These initiatives will be further detailed in new publications, including a book on confronting global warming in daily university operations by

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Feature Story (cont'd)

Sarah Hammond Creighton and Anne Rappaport of Tufts University, to be published by MIT Press, and a report on the business case for renewable energy in campus settings by Andrea Putman and Michael Philips, to be published by NACUBO. Both should be available by early summer 2006. The report *New Energy for Campuses*, by Satya Rhodes-Conway and Billy Parish (Apollo Alliance and Energy Action, fall 2005), provides a compelling and well-organized sketch of recent literature and campus Web sites on university energy practices. This free publication can be downloaded at www.campusclimatechallenge.org.

To identify new ways to support member campuses in confronting global warming, HEASC may wish to consider starting a working group to share best practices and undertake joint or complementary projects. One idea is to coalesce university leaders around a climate pledge similar to the mayors' agreement or to the commitment made by all 56 college and university presidents in New Jersey who, in February 2001, signed the "Sustainability Covenant" of the New Jersey Greenhouse Gas Action Plan to reduce CO₂ emissions 3.5 percent below 1990 levels by 2005. This approach could bolster the efforts of the Campus Climate Challenge, boosting the success of this student-led initiative while gearing associations to address a growing demand for help and information among their members.

The author of this article is **Julian Keniry**, director, Campus and Community Leadership, National Wildlife Federation (www.nwf.org/campus ecology). Note: "Putting Renewables to Work: How Many Jobs Can the Clean Energy Industry Generate?" by Daniel M. Kammen, Kamal Kapadia & Mathias Fripp, Report of the Renewable and Appropriate Technology Laboratory, University of California, Berkeley, April 2004 - <http://socrates.berkeley.edu/~rael/papers.html>.

The Great Leap: Scenes from China's industrial revolution, Bill McKibben (Harpers, December 2005)

Link only (no space): <http://www.caprn.bc.ca/linkedmaterials/archive/greatleap.pdf>.

3. Consortium News

Student-Led Effort Combats Global Warming

The **Campus Climate Challenge** is a project of 30 youth-led organizations designed to transform higher education institutions into centers of sustainability and a driving force for climate awareness and innovation. The challenge will provide resources and best practices, campus trainings and regional summits, and an overarching campaign to support the emerging student climate movement. The challenge encourages students to engage faculty and administrators to form multi-stakeholder teams, conduct a campus greenhouse gas inventory, and develop an ambitious plan to reduce emissions. Check out dispatches from the youth climate movement any time at itsgettinghotinhere.org.

Contact: **Billy Parish**, coordinator, Energy Action, billy@energyaction.net; www.campusclimatechallenge.org.

HEASC Coordinators Pitch In on HEA Sustainability Programs

HEASC coordinators Anthony Cortese and Debra Rowe have been actively involved in efforts by HEAs to address sustainability during the past four months. These efforts include:

- ▶ Presentations at conferences of the American Association of State Colleges and Universities (AASCU), the Association of American Colleges and Universities (AACU) and American Association of Community Colleges (AACC).
- ▶ Consultation by Debra Rowe to AACC, the American College Personnel Association's (ACPA) College Student Educators International, and Association of College Unions International (ACUI) on developing a toolkit for implementing sustainability and on updating their Web sites on sustainability activities.
- ▶ Presentation by Debra Rowe at a meeting of the board of directors of the Society of College and University Planning and consultation on integrating sustainability principles into strategic

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plans and an upcoming SCUP book on planning for accreditation.

- ▶ Assistance by Tony Cortese in the leadership and planning of the inaugural October 2006 conference of the Association for the Advancement of Sustainability in Higher Education (AASHE). See “*Upcoming Events.*”
- ▶ Assistance on sustainability practices for the July 2006 conference “The Campus of the Future: A Meeting of the Minds.” COTF will be jointly hosted by the Association of Higher Education Facilities Officers (APPA), National Association of College and University Business Officers (NACUBO) and SCUP. See “*Upcoming Events.*”

3. HEASC Member Highlights

American Association of State Colleges and Universities (aascu.org)

AASCU represents more than 400 public colleges, universities, and systems of higher education throughout the United States and its territories. AASCU schools enroll more than three million students, or 55 percent of the enrollment at all public four-year institutions. The great majority of our member institutions are comprehensive Masters I schools. The very breadth of their educational missions prompts AASCU to pay attention to, and participate in, HEASC. Campus attention to environmental issues has most often been focused on handling and disposing of hazardous materials, engaging in recycling (often prompted by student advocacy), and more recently, choosing to build or renovate facilities that are “green” by, for instance, incorporating the U.S. Green Building Council’s LEED (Leadership in Energy and Environmental Design) standards.

AASCU is of the opinion that the interconnectedness of our world—as highlighted by our growing experience with globalization—demands a new way of thinking. We do not see sustainability as a revolutionary issue for the

academy. Every discipline already recognizes to some degree its interdependence with other disciplines and with cooperation from those outside the academy. Our primary interest in sustainability is to find ways to have this issue permeate college curricula.

What AASCU hopes to do is prompt our member institutions to make interdependence a more prominent part of scholarly discourse and teaching. Sustainability is all about acknowledging our reliance and impact on others. We believe that helping students consciously include these factors in their thinking and in guiding their behavior will be good for them and good for our world. We think that the sustainability movement has important potential to revise our standard worldview, and AASCU wants to help that happen.

Contact: **John Hammang**, director, special projects and development, hammangi@aascu.edu; www.aascu.org.

ACPA - College Student Educators International (acpa.org)

The American College Personnel Association-College Student Educators International has nearly 8,000 members representing nearly 1,500 private and public institutions from across the United States and internationally. In addition, members include companies and organizations engaged in the campus marketplace. Our members include graduate students enrolled in student affairs and higher education administration programs as well as faculty who are teaching and researching in this area and student affairs professionals, from entry-level to senior student affairs officers.

Annual convention. At ACPA’s annual convention held in March 2006, Debra Rowe addressed the executive council, the commission for social justice, all commission directors, and the state and international division presidents regarding the formation and purpose of HEASC, its relationship to the U.S. Partnership for the UN Decade of Education for Sustainable Development, and the ways in which ACPA can

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Consortium News (cont'd)

contribute to the national and global initiatives to integrate sustainability activities and learning into the higher education community. Debra encouraged the various commissions, which represent different functional areas in student services (e.g. residence life, student activities, multicultural affairs, career development, etc.), and state and international divisions to consider how they can get their members involved within their groups as well as students and colleagues on their respective campuses. The president and executive director of ACPA held a meeting with Debra to further discuss formal activities the association could undertake for the next two years to promote its national involvement.

Sustainability task force. Under the leadership of President Jeanne Steffes, ACPA has designated a sustainability task force charged to plan, catalyze, facilitate, and assess the infusion of awareness and education for a sustainable future into all aspects of the association's activities. The goal is for students to become literate about sustainability challenges and engaged in solutions. The first meeting of the task force will take place on May 8, 2006, at the ACPA office in Washington, D.C.

Sustainability Web page. The association is currently developing a sustainability page on its Web site, targeted for completion in May. This page will contain information on HEASC and its member associations and include links to valuable resources for faculty, student affairs professionals, and students.

Contact: **Gregory Roberts**, executive director, gr@acpa.nche.edu, or Jacqueline Skinner, director of educational programs and publications, js@acpa.nche.edu; www.myacpa.org.

APPA (appa.org)

APPA is dedicated to the maintenance, protection, and promotion of quality educational facilities. Our recent sustainability activities include:

- ▶ Work on The Campus of the Future (COTF) conference. See "Upcoming Events."
- ▶ Joint publication with NACUBO and SCUP of a new book entitled *The Business Case for Renewable Energy: A Guide for Colleges and Universities*, by Andrea Putman and Michael Phillips. This book will be available at COTF.
- ▶ We are offering a full track on sustainability at COTF and are working hard to green all aspects of the meeting.
- ▶ The May/June 2006 issue of APPA's *Facilities Manager* magazine will focus on sustainability and renewables. The issue will be provided to all COTF attendees.

Contact: **Steve Glazner**, director of knowledge management, steve@appa.org; www.appa.org.

Association for the Advancement of Sustainability in Higher Education (aashe.org)

In December 2005, a new higher education association was born. The Association for the Advancement of Sustainability in Higher Education (AASHE) is a membership-based association of colleges and universities working to advance sustainability in higher education in the United States and Canada. AASHE's mission is to promote sustainability in *all* sectors of higher education—from governance and operations to curriculum and outreach—through education, communication, research, and professional development. Businesses, non-governmental organizations (NGOs), and government agencies participate as AASHE partner members. Several HEASC members are AASHE partners.

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HEASC Member Highlights (cont'd)

AASHE evolved from a regional organization—Education for Sustainability Western Network (EFS West), a partnership with Second Nature—in response to the growing demand for its resources and expertise from campuses throughout North America. The association aims to advance the efforts of the entire campus sustainability community by uniting diverse initiatives and connecting practitioners to resources and professional development opportunities. AASHE also provides a professional home for campus sustainability coordinators and directors.

Major programs and resources include:

- ▶ **AASHE Digest 2005**—AASHE's first online publication, a digest of campus sustainability news stories and resources from 2005, organized by category.
- ▶ **AASHE Bulletin**—a free, weekly e-bulletin that delivers the latest sustainability news summaries, resources, events, and opportunities from campuses in the United States and Canada. This is a must-read for anyone interested in advancing sustainability in higher education.
- ▶ **Resource Center**—contains a sustainability policy databank by category, links to campus sustainability plans and initiatives, publications and reports, a directory of sustainability professionals, and a variety of other useful resources on every aspect of sustainable campus operations and curriculum.
- ▶ **AASHE Conference**—See “Upcoming Events.”
- ▶ **Interest Groups**—communicate via discussion lists to advance knowledge on specialized topics from food to energy to curriculum.

Share what's happening on your campus or in your organization!

Contact: **Judy Walton**, executive director, judy@ashe.org; www.ashe.org.

Association of College Unions International (acui.org)

As the association for campus community builders, ACUI is committed to building a sustainable future. ACUI's renowned Stop the Hate! program trains participants to take action against hate crimes and build more accepting, healthy communities on college campuses. The premier student leadership institute, I-LEAD®, incorporates service learning projects and study tours to other countries to educate graduate students about global issues and build community with other nations.

ACUI's 2006 Building Community poster contest theme is “sustainability as more than environmental awareness,” and sessions during the annual conference discussed green design and consideration for sustainability in operations. The ACUI central office staff also incorporated green elements into the annual conference operations and communicated these efforts to members.

Other ongoing initiatives include ACUI's co-sponsorship of the Higher Education Climate Action Project to help campus staff and administrators understand how they can take a proactive approach to sustainability; and regular featuring in ACUI publications of campuses' outstanding sustainable initiatives, including programs, facilities, and operations. In the works are a national day of service at ACUI member institutions; a partnership with the National Coalition Building Institute, whose purpose is to eliminate prejudice and inter-group conflict in communities throughout the world; and updating and reaffirming ACUI statements regarding affirmative action and commitment to a multicultural organization.

ACUI, in partnership with ACPA, is building a “packaged” sustainability initiative for students and student affairs faculty and administrators. Finally, the ACUI Foundation is securing funding for a research project about the impact of sustainability on college students.

Contact: **Marsha Herman-Betzen**, director of communications, mherman@acui.org; www.acui.org.

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HEASC Member Highlights (cont'd) Association of Governing Boards of Universities and Colleges (agb.org)

AGB is the only national organization providing university and college presidents, board chairs, and individual trustees of both public and private institutions with the resources they need to enhance their effectiveness.

Here are several of our recent sustainability related efforts:

- ▶ Article in March/April 2006 issue of *Trusteeship* magazine, "Saving Green on Energy Costs," by Diane Tacke of Luther College on how trustees can be part of campus collaborations aimed at improving energy efficiency and reducing costs. A sidebar by AGB senior editor Charles Clark highlighted additional campus initiatives in energy savings.

- ▶ Point/counterpoint articles in March/April 2006 issue of *Trusteeship* magazine, "Should College and University Money Managers Embrace Socially Responsible Investing?" by Steven Schueth of First Affirmative Financial Network and Jay Yoder of Tuckerbrook CIO Services.

- ▶ Roundtable discussion, "Greening the Campus: Lessons in Sustainability," at the AGB National Conference on Trusteeship in April led by Doug Orr, president of Warren Wilson College.

Contact: **Rich Novak**, vice president for public sector programs, richn@agb.org; www.agb.org.

National Association of College and University Business Officers (nacubo.org)

NACUBO serves a membership of more than 2,500 colleges, universities, and higher education service providers across the country. NACUBO represents chief administrative and financial officers through a collaboration of **knowledge and professional development,**

advocacy, and community. We are building momentum toward COTF.

Other notable activities include:

- ▶ The cover story of the April 2006 issue of *Business Officer* magazine, which reaches more than 24,000 individuals, describes the movement of sustainability to the mainstream in higher education and highlights the commitments of several institutions to environmental, social, and economic health. See "New Resources."

- ▶ A webcast in April on *Renewable Energy: Saving and Making Money for Your Institution*, described the process of evaluating the various renewable energy technologies, ownership options, relationships with utilities, and financing strategies. The webcast presenters are also authors of a forthcoming book entitled *The Business Case for Renewable Energy*.

- ▶ Together with APPA, SCUP, the University of Maryland College Park, and the Environmental Protection Agency, NACUBO co-sponsored the Smart and Sustainable Campus Conference in early November 2005, which focused on smart growth and sustainable practices serving the economy, the community, and the environment. More than 200 participants attended and learned about transportation, sustainability and green campus initiatives, energy, and procurement.

Contact: **Michele Madia**, policy analyst, michele.madia@nacubo.org; www.nacubo.org.

National Association of Educational Procurement (naepnet.org)

Since the 1920s, NAEP (formerly NAEB, National Association of Educational Buyers, Inc.) has been *the* non-profit professional association primarily dedicated to serving higher education purchasing officers in the United States and Canada. Members founded the Educational and Institutional (E&I) Cooperative Services, Inc., as an important benefit of NAEP membership. Currently more than 1,500 colleges and universities are members.

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HEASC Member Highlights (cont'd)

NAEP is a member-focused association providing progressive knowledge management in strategic sourcing, supply chain, materials, and logistics for procurement professionals. NAEP provides professional development and networking opportunities regionally and nationally. These meetings, workshops, and seminars provide knowledge transfer in procurement ranging from beginning to advanced professionals and are conducted throughout the year and across the nation.

Our mission: To facilitate the development, exchange, and practice of effective and ethical procurement principles and techniques within higher education and associated communities through continuing education, networking, public information, and advocacy.

Our vision: NAEP will be recognized as the association dedicated to the advancement of excellence in the purchasing profession serving higher education and associated communities.

NAEP is your partner in defining procurement's strategic contribution to your institution's imperative for the advancement of accountability, affordability, and accessibility. In January 2006, NAEB changed its name to NAEP to better reflect higher education's procurement professionals and the contributions they make every day to the success of their institutions. In November 2005, the NAEP board of directors voted to join and support the mission of HEASC. In February 2006, NAEP initiated an opening dialog with our sister organization, the E&I Cooperative Service, for the establishment of a Green Procurement Cooperative.

Specific activities include:

- ▶ Our monthly online newsletter, the *Purchasing Link*, now has a "What is Happening on Campus" as a component of sustainable activities within and outside our membership.
- ▶ In every issue of our quarterly magazine, *The Educational Journal*, we feature an article on sustainability. Our past two articles were "Another Arrow in the Quiver, Local Green

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Materials" (March 2006), and "Baby Steps Do Count" (December 2005).

- ▶ Our 2006 Annual Meeting & Exposition workshop sessions on sustainability included "Becoming an Environmentally Friendly University: Optimizing the Process of Materials Management," and "Sustainability: Building the Green Campus."

Contact: Doreen Murner, chief executive officer, ceo@naepnet.org; www.naepnet.org.

Society for College and University Planning (scup.org)

Established in 1965, SCUP is the only association focused on the promotion, advancement, and application of effective planning in higher education. Our organizing principle is that planning is essential to improving and maintaining the fitness, vitality, and quality of higher education. Therefore, we feel that achieving sustainability is the end result of comprehensive, integrated planning.

We are working hard to provide substantial sustainability-related programming content in our own live conferences.

Specific activities include:

- ▶ Work on COTF. See "*Upcoming Events.*"
- ▶ Our professional development committee is hard at work on a full-day sustainability planning workshop that we will pilot at our 2006 North Central Regional Conference in early October. A 3-hour concurrent session version of it will also be presented at the AASHE conference.
- ▶ SCUP's Campus Sustainability Day (CSD) is an annual event, which SCUP founded four years ago with Anthony Cortese, president of Second Nature. The event, now in its fourth year, has grown into an accepted annual celebration of planning for sustainability across departmental and disciplinary boundaries.
- ▶ SCUP publications are also an important forum for spreading the word about

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HEASC Member Highlights (cont'd)

sustainability. We have already published one special issue of our journal, *Planning for Higher Education*, on sustainability and are planning a second special issue in 2007-08. Our white paper, "We Rise to Play a Greater Part," has been downloaded more than 50,000 times since it was published in October 2005. And our "2005 Campus Sustainability Day Report" recently mailed to 3,400 college and university presidents and will be available online as a PDF document by early May.

- ▶ "SCUP Email News" is our weekly email newsletter (since 1987) to more than 14,000 direct subscribers. (Anyone can subscribe. Higher education sustainability related items are frequent "SCUP Links" in the newsletter.

- ▶ Many of our several telecasts, audiocasts, or webcasts are now available as purchasable archives on our website. We were the first or among the first to transmit virtual presentations on: Costs and Benefits of Sustainable Building Design; Building a Restorative Environment; and Sustainability in the Curriculum,

Contact: **Terry Calhoun**, MA, JD, director, media relations and publications, terry.calhoun@scup.org; www.scup.org.

5. Upcoming Events

HEASC Sustainability Luncheon

May 9, 2006, 11:30 a.m. – 2:00 p.m., American Council on Education, Lower Conference Level, One Dupont Circle NW, Washington, DC 20036

HEASC will host a special luncheon on sustainability in higher education. Join us to learn more about HEASC and how sustainability issues are being addressed in higher education and to share your ideas and initiatives.

Ray Anderson, chairman and founder of Interface, Inc. will be our keynote speaker. As the world's largest modular carpet manufacturer, Interface has a goal to become the first truly

sustainable corporation by 2020. Anderson was the co-chair of the President's Council on Sustainable Development and is a leading spokesman on sustainable business. He will speak about the business sector's need for higher education to produce the students and knowledge to help society address our security and sustainability challenges.

For more information contact our HEASC co-coordinators:

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President, Second Nature
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Debra G. Rowe, PhD
Co-chair, Higher Education, U.S. Partnership for UN Decade of Education for Sustainable Development
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The Campus of the Future: A Meeting of the Minds

July 8–11, 2006, Honolulu, Hawaii

The Campus of the Future: A Meeting of the Minds, is a first-of-its-kind joint conference of three leading associations that serve higher education: APPA, the National Association of College and University Business Officers (NACUBO), and the Society for College and University Planning (SCUP).

More than 2,600 individuals have already registered for this important event, which will provide participants with:

- ▶ an opportunity to explore a vision of the trends, challenges, and advancements anticipated for the campus of the future;
- ▶ access to high-quality, joint educational programming that will address the top issues to higher education;
- ▶ an opportunity for cross-collaborative campus teams to attend one conference that meets all

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their needs;

- ▶ a single educational event for individuals who wear many hats on the job, especially at smaller campuses and community colleges; and
- ▶ the opportunities to build synergy across the higher education community.

Plenary speakers include Thomas Friedman, Pulitzer Prize-winning columnist with *The New York Times*, and Yahoo! Leadership Coach and best-selling author Tim Sanders.

Complete registration information, detailed session descriptions, and a searchable database of conference attendees can be found at www.campusofthefuture.org.

AASHE 2006: The Role of Higher Education in Creating a Sustainable World

October 4–6, 2006, Arizona State University, Tempe

AASHE's inaugural North American conference promises to be more than a traditional "talking heads" event. Participants will walk away with concrete next steps and strategies for moving beyond low-hanging-fruit sustainability activities. Active exchange of ideas and knowledge will be encouraged through interactive forums, roundtables, workshops, panels, informal networking, and open discussion.

The conference aims to significantly advance sustainability in higher education. A particular emphasis will be on the social dimensions of sustainability and the need to consider *all* dimensions of sustainability in decision making. The goal is to foster cross-sector collaborations and build a learning community that includes all stakeholders.

Keynote speakers include:

- ▶ Ray Anderson, chairman and founder of Interface, Inc.
- ▶ Beverly Wright, founder of the Deep South

Center for Environmental Justice

- ▶ Hunter Lovins, president and founder of Natural Capitalism, Inc., and co-founder of Rocky Mountain Institute
- ▶ Bill McKibben (invited), author and scholar whose books include *The End of Nature* and *Hope, Human and Wild*

More than 500 attendees are expected from every sector of higher education and from those who do business on campuses. Administrators, faculty, sustainability coordinators, facilities officers, students, consultants, planners, architects, and leaders of NGOs, foundations, and government organizations will all be brought together in this unique gathering.

Special features of AASHE 2006 include:

- ▶ An awards dinner featuring AASHE campus achievement awards, certificates of recognition, and other honors.
- ▶ Outcomes-oriented roundtables on important issues within the campus sustainability community, such as development of a rating system for campus sustainability, and incorporating and measuring the social equity aspects of sustainability.
- ▶ A focus on building connections between the social justice and environmental communities in advancing sustainability.
- ▶ An all-student plenary panel, a post-conference "student convergence" and other special efforts to include the student voice and support student initiatives.
- ▶ Discounts for teams of four from multiple sectors of a single campus.
- ▶ A luncheon meeting for campus presidents, foundation officers, and business leaders.
- ▶ Planning meetings for higher education groups such as HEASC, sustainability coordinators, regional campus sustainability organizations, student groups, and disciplinary associations.

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Upcoming Events (cont'd)

- ▶ Welcome ceremony featuring philanthropist Julie Wrigley and other prominent local speakers.
 - ▶ A reunion for those who have participated in “Sustainability Across the Curriculum” workshops led by Peggy Barlett or Geoff Chase.
 - ▶ A free book on financing renewable energy on campus.
 - ▶ A large outdoor exhibitors fair, in conjunction with ASU’s Suppliers’ Showcase, which has adopted a sustainability theme for this event.
- Pre-conference events such as a diversity training workshop with Angela Park and a planning institute workshop with SCUP.
 - A focus on a green and socially responsible conference, including purchase of carbon offsets for all greenhouse gas emissions, and encouraging attendees to bring their own coffee mug, name card holder, and conference bag.
 - Opportunities for informal dialogue at lunch “mentor tables” and in dinner discussion groups at nearby restaurants.

The conference website and online registration will be available soon at www.aashe.org. Share what is happening on your campus at this conference. See the “Call for Papers” for details at www.aashe.org/cfp06.pdf.

Campus Sustainability Day IV

October 25, 2006, anywhere you want it to be

When you go home from the AASHE conference, gather up all the folks on campus who could not go to Tempe and bring them together - across departmental and disciplinary boundaries, for a chance to celebrate successes at your school and view SCUP’s webcast programming as a virtual part of your on-campus programming! More info at www.scup.org/csd/4/.

6. New Resources

Feature story of the American Council on Education’s *The Presidency on higher education sustainability leadership.*

“Sustainability and the University,” by G. Wayne Clough, Jean-Lou Chameau, and Carol Carmichael. One of the major challenges facing the human race is charting a course for the future that allows for economic growth while protecting our fragile planet, says the president of the Georgia Institute of Technology, along with two colleagues. They discuss the role that higher education must play to help create a vibrant economy and high quality of life while sustaining natural resources. Mary Spangler, chancellor of Oakland Community College; David Shi, president of Furman University; Juan Olivarez, president of Grand Rapids Community College; and Daniel Fogel, president of the University of Vermont, add their views on sustainability. Available at <http://www.aashe.org/heasc/resources>

A (Recycled, Of Course) Six-Pack of Sustainability Lessons from the Past Year in Higher Education

This white paper “call to action” was published in October 2005 and has been downloaded more than 50,000 times. It can be found at the CSD 4.0 Web page: www.scup.org/csd/4/.

Cover story of NACUBO’s *Business Officer* magazine on sustainability in higher education

The April 2006 issue of NACUBO’s *Business Officer* includes a feature article on campus sustainability by Karla Hignite, senior editor. The article, “Will Sustainability Take Root?”, explores the rapid growth of campus sustainability initiatives during recent years, focusing on energy, buildings, food, and curriculum. The article highlights the sustainability efforts of University of Florida, Lane Community College, Middlebury College,

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Berea College, SUNY-Buffalo, and Georgia Institute of Technology. Available at www.nacubo.org/x7977.xml and <http://www.aashe.org/heasc/resources>.

Lead story of ACCED-I's *e-Communique* on sustainability in the context of on-campus meetings.

The Association of Collegiate Conference and Events Directors-International (ACCED-I) has published the first installment of a two-part article on campus sustainability as it relates to greening conferences and events held on college and university campuses. Part one of "Environmental Sustainability in Conference & Event Services," by Scott D. Doyle, residential and event services at Cornell University, appears in the April/May 2006 of ACCED-I's member publication *e-Communique* and is available at www.acced-i.org/imis_web/StaticContent/3/Pub/Apr06/sustain.htm and <http://www.aashe.org/heasc/resources>.

A (Recycled, Of Course) Six-Pack of Sustainability Lessons From the Past Year in Higher Education - A Final Report on 2005's Campus Sustainability Day III

This document was mailed to 3,600 college and university presidents in late April and can be found on line at <http://www.scup.org/csd/3/pdf/SCUP-CSD-Report.pdf>.

7. About HEASC

The Higher Education Associations' Sustainability Consortium (HEASC) is an informal network of HEAs with a commitment to advancing sustainability in their constituencies and in the system of higher education itself. We seek to help higher education exert strong leadership in making education, research, and practice for a sustainable society a reality. Higher education's leadership is critical to helping businesses become sustainable, to have strong thriving and secure communities, and to provide economic opportunities for the broadest number of people while preserving the life support system on which all current and future generations depend.

HEASC will support its members' work in advancing sustainability by:

- ▶ Promoting and enhancing each others' sustainability efforts.
- ▶ Providing a forum for sharing and exchanging information, knowledge, and experiences.
- ▶ Building the capacity of HEAs to make sustainability a goal of their programming and practices.
- ▶ Enhancing professional development, including training in sustainability for HEA staff and their constituents.
- ▶ Integrating sustainability into the professional development programs of associations.
- ▶ Connecting HEAs to the best expertise, resources, and information in sustainability for higher education.
- ▶ Producing a quarterly newsletter on trends in sustainability in higher education, including HEA efforts.
- ▶ Engaging in joint projects and in projects with other associations and organizations that advance sustainability.

HEASC Member Organizations and Leadership

Members

American Association of State Colleges and Universities (AASCU)

American College Personnel Association-
College Student Educators International
(ACPA)

APPA

Association for the Advancement of
Sustainability in Higher Education (AASHE)

Association of College Unions International
(ACUI)

Association of Governing Boards of
Universities and Colleges (AGB)

National Association of College and
University Business Officers (NACUBO)

National Association of Educational
Procurement (NAEP)

Society for College and University Planning
(SCUP)

Newsletter editorial and production staff for this issue included Terry Calhoun, director of media relations and publications and oversight for *Planning for Higher Education* (SCUP), Anthony D. Cortese (editor), president, Second Nature, and Karla Hignite, senior editor, (NACUBO) *Business Officer*.

Steering Committee

Elizabeth Beltramini, ACUI

Matt Hamill, NACUBO

John Hammang, AASCU

Jolene Knapp, SCUP

Lander Medlin, APPA

Doreen Murner, NAEP

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Julian Keniry of the Campus Ecology Project addresses assembled association leaders at APPA headquarters in Alexandria, Virginia at the HEASC founding meeting. Images by Terry Calhoun