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Geology major off to Germany to study paleoclimate

By studying some of the tiniest organisms, geology major Allison Bryan is helping piece together the bigger picture of Arctic climate change over the millennia. The junior from Leipsic, Ohio, is part of an international, multi-institutional project looking for clues in a Siberian lake. She is pursuing the study in Germany this summer through an internship and scholarship.

"We're trying to reconstruct the paleoclimate," Bryan explained. At BGSU, she has been a lab assistant for Dr. Jeffrey Snyder, geology. Snyder is a partner in the project and is examining diatoms—single-celled, silica-covered algae—retrieved from sediment cores taken from Lake El'gygytgyn, a polar lake in northeastern Siberia formed when a meteorite hit about 3.6 million years ago. By analyzing the abundance and types of species found at different depths, the geologist hopes to learn how climate changed over time (See www.bgsu.edu/offices/mc/monitor/02-12-07/page26650.html.)

Now Bryan will work on a different aspect of the climate study. She has received an internship to spend the summer assisting doctoral student Bernhard Chaplign at the Alfred Wegener Institute in Potsdam, outside Berlin. Chaplign's research focuses on oxygen isotopes in diatoms from the lake. "The diatoms are photosynthetic algae," Bryan said. "They are key to monitoring environmental conditions." The oxygen isotopes of diatom silica are especially valuable in the study of the paleoclimate because diatoms can be found in lakes in cold regions where other bioindicators are not present, she added.

Her internship was provided by the German Academic Exchange Service (Deutscher Akademischer Austausch Dienst, or DAAD), which brings U.S. and Canadian college students to Germany through the Research Internships in Science and Engineering (RISE) program. There are about 700 RISE students this year, in various fields.

The group will unite in Heidelberg in mid-July. "I'll get to meet other people involved in the program and share experiences," she said.

"DAAD pays for the internship, but not for other expenses," Bryan said. Luckily, she was one of only 20 students chosen by the American Chemical Society (ACS) to receive an International Research Experiences for Undergraduates (IREU) scholarship that will provide her travel expenses, a stipend while she is in Germany and the cost of the internship's required, two-week German language course. It also paid for her to visit Washington, D.C., in April for an orientation session with other scholarship recipients. "We gained the opportunity to meet with ACS executives and officials from the National Science Foundation," she said. "It was a great chance to network and make connections with other ACS-RISE-IREU scholars."

As part of the ACS scholarship program, she will complete a research project in correlation with her work with Chaplign. "ACS requires that we complete a research project from start to finish," she said. Participants must each create a poster explaining their research, which they will present at the society's national conference in Washington this August. "It will be a great opportunity to present a poster on the research that I will be completing in Germany at a national conference," she said.

As an Honors Program student, she hopes to make use of her research for her Honors project, she added.

Though she was only a sophomore this year, Bryan has already had her share of hands-on experience with geology. As a freshman, she had an internship with the Student Conservation Association at Fossil Butte National Monument in Wyoming, and last year traveled the U.S. with GeoJourney, BGSU's field-based geology program. A member of the President's Leadership Academy, she is vice president of the Honors Student Association and the incoming president of BGSU's Geology Club.

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Federal grant funds BGSU study of obesity-economic link in immigrant children

The prevalence of overweight and obese children in the U.S. has quadrupled over the last 25 years. But that statistic alone doesn't tell the whole story of the burgeoning increase in childhood obesity.

For one thing, race and ethnicity appear to be a factor. Recent estimates suggest that 36 percent of 6-11-year-olds are either overweight or obese, with the percentages higher for Mexican-Americans than non-Hispanic white children.

Playing a role with race and ethnicity is the socioeconomic status (SES) of parents. Higher SES equals less obesity in non-Hispanic white children, but with many African-American children, the relationship is flipped—higher SES means more obesity, notes Dr. Kelly Balistreri of BGSU's Center for Family and Demographic Research. And in Hispanic and Asian-American families, the relationship between SES and childhood obesity is "murky" if not nonexistent, she adds.

Balistreri hopes to answer questions about that latter lack of connection in a study funded by a two-year, \$211,000 grant through the National Institutes of Health. Economic stimulus funds from the American Recovery and Reinvestment Act are paying for the study, "Demographic Analysis of Socioeconomic Status (SES) Stability and Well-being among Children of Immigrants."

Immigration is part of the equation because one or both parents in a large number of Hispanic and Asian-American families is an immigrant, Balistreri points out. As a result, she says, something specific to immigrant families may explain the relationship, or lack thereof, between SES and childhood obesity.

Her former BGSU colleague, Dr. Jennifer Van Hook, now at Penn State University, is Balistreri's co-author on the grant project, which will look at characteristics of immigrant families and their home countries. For instance, she says, the SES-obesity relationship is often the opposite of Western countries in a less-developed nation, where obesity can be "a symbol of affluence" in a person of means. If parents have that image of the connection between health and wealth, it may be mirrored in their children, she adds.

"If immigrant parents carry culturally shaped lifestyle patterns and parenting styles with them from their countries of origin, this might in turn influence the relationship between SES and children's weight in groups that include large portions of immigrants," Balistreri notes.

And the more than 20 percent of American school-age children now coming from immigrant families represent "a large and growing population of children we need to address," she says. "The health outcomes of the children of immigrants are of great policy significance because they represent the fastest growing segment of U.S. society under age 18."

Balistreri was an applied demographer at the Center for Family and Demographic Research when she submitted the grant application. She is resuming her affiliation with the center as a research professor after spending the past year as associate director of BGSU's National Center for Marriage Research.

University names winners of first Clarence Terry Jr. scholarships

Incoming freshmen from Cuyahoga and Knox counties are recipients of the inaugural Clarence Terry Jr. Memorial Scholarships.

Jessica Glenn of Oakwood Village and Olivia Williams of Howard will each receive a \$4,000 scholarship for their first year of college. The nonrenewable awards honor the memory of

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Clarence Terry Jr., a 35-year BGSU employee who retired as director of multicultural recruitment not long before his death in May 2008. Terry earned bachelor's and master's degrees from BGSU as well, in 1973 and 1975, respectively.

The scholarships are for incoming freshmen of African-American and Hispanic heritage who maintained a high school grade point average of at least 2.7. Applicants were also required to submit an essay of up to 500 words on the importance of multicultural students on the BGSU campus.

Glenn is a graduate of Cuyahoga Valley Christian Academy, where she had a GPA of 3.03. She plans to major in psychology at Bowling Green.

In her essay, Glenn wrote that "having multicultural students on the BGSU campus will expand our thinking and create a unity that will strengthen our community. The importance of this can be the difference between BGSU producing intellectual students who will simply go out and contribute to society, or producing students with broadened thinking who will go out and completely transform society."

Williams intends to major in general/individualized business. She is a graduate of East Knox High School—with a 3.61 GPA.

Williams wrote that the presence of multicultural students at BGSU is important "because it allows intercultural opportunities and provides further opportunities for specific ethnicities, races and cultures. By providing these opportunities, it creates a more well-rounded student and better prepares this student for the diverse world we live in."

The University created the scholarships with Terry's wife, Dr. Ardenia Jones Terry, who also earned bachelor's and master's degrees from Bowling Green, in 1972 and 1973, plus a Ph.D. in higher education administration in 2000.

Dining Services joins forces with private management company

The University will enter into a dining services management contract with Chartwells, a member of the Compass Group, Dr. Ed Whipple, vice president for student affairs, announced last week.

The contract focuses on bringing in a leadership team to work with BGSU's current dining leadership to manage the University's overall dining program, including residential dining, retail operations and catering. The partnership also will allow enhancement of campus community-building opportunities, Whipple said.

Chartwells is the higher education and K-12 division of the Compass Group, which also manages dining programs for businesses and special events worldwide, including the 2002 Winter Olympics in Salt Lake City. According to Whipple, the BGSU partnership will provide greater buying power along with access to key management experience and ever-changing marketing strategies and food trends, while maintaining a local, student-centered approach. University Dining Services personnel will continue to be BGSU employees, and the department will retain the name University Dining Services.

The decision to partner with Chartwells was made after a thorough review, input from the campus community and visits to other university campuses, Whipple said. "We are confident that Chartwells will work closely with us to ensure our students are receiving a competitive, world-class dining program. This agreement will also enable us to upgrade our dining facilities more rapidly, especially MacDonald dining hall and other important campus venues," he said.

The transition will begin immediately in preparation for the beginning of fall classes in August.

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Heinlen Hall lecturer to address marriage of chemistry, mechanics

Dr. Jeffrey Moore, an internationally recognized expert in the field of organic materials and polymer chemistry, will be this year's Heinlen W. Hall lecturer.

Moore is the Murchison-Mallory Chair in the chemistry department at the University of Illinois at Urbana-Champaign. His early work in aspects of nanoscale structures was groundbreaking. Later, working with colleagues in engineering, he played a central role in the development and demonstration of a self-healing polymeric material and has shown recently that mechanical energy can be used to direct chemical reactions.

He holds 19 patents and has published more than 260 manuscripts. He has been an invited speaker at close to 300 national and international lecture series and conferences.

His BGSU lecture topics will be as follows:

- "Chemistry Meets Mechanics in Search of Self-Healing Function," 3:30-4:30 p.m. Tuesday (June 2), 123 Overman Hall
- "Mechanochemical Reactions for Mechanoresponsive Materials," 3:30-4:30 p.m. Wednesday (June 3), 123 Overman Hall
- "Macromolecular Architecture in Materials Design," 3:30-4:30 p.m. Thursday (June 4), 123 Overman Hall
- "Chemistry Gone Global on Your Mobile," 10-11:30 a.m. Friday (June 5), 095 Overman Hall

Moore received his bachelor's degree in chemistry in 1984 and his Ph.D. in materials science and engineering in 1989, both from the University of Illinois. He then went to the California Institute of Technology as a National Science Foundation Fellow. In 1990 he joined the chemistry faculty at the University of Michigan, before returning to Illinois in 1995.

His awards include an Alfred P. Sloan Fellowship and an Arthur C. Cope Scholar Award. He is a Fellow of the American Association for the Advancement of Science, the Royal Society of Chemistry and the American Academy of Arts and Sciences. He has been an associate editor of the Journal of the American Chemical Society since 1999.

The BGSU lectureship was created by the chemistry department in 1975 to honor Dr. W. Heinlen Hall, a professor of chemistry from 1936-76 who, as chair of the department until 1971, led it through extraordinary growth and expansion. The weeklong series, which has drawn acclaimed scholars and leading research chemists, allows students and faculty to learn from and interact with cutting-edge investigators at the frontiers of chemistry research.

Centers of excellence presented during visit from chancellor

BGSU was the first stop on Ohio Board of Regents Chancellor Eric Fingerhut's ongoing tour of the University System of Ohio campuses to discuss the institutions' proposed centers of excellence.

"We were delighted to lead off for the state, and I think we've set a high standard," said Ohio Eminent Scholar in psychology Milt Hakel, who is chairing the committee to develop BGSU's centers. "The presentations and discussions were excellent."

During Fingerhut's May 26 visit, teams from each of the five centers on which the BGSU trustees have been briefed gave short presentations. The chancellor provided important clarifications and updates on the process, which is part of Gov. Ted Strickland's 10-year Strategic Plan for Higher Education in Ohio. Each university must define benchmarks for its individual centers, and the proposals must address those benchmarks very specifically, Fingerhut explained.

With the new guidance, the teams are revising their proposals, working toward the June 30 deadline for submission to Columbus, Hakel said.

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BGSU is forming centers in the arts, Developing Effective Businesses and Organizations, Health and Wellness across the Lifespan, and 21st Century Educator Preparation. The board of trustees has approved those proposals and is expected to accept Sustainability and the Environment as the fifth center at its June 26 meeting.

According to Dr. Mark Gromko, interim provost and vice president for academic affairs, "The chancellor helped to clarify his expectations for centers of excellence. Although there are still questions, we gained confidence in our process and our proposals. The team making the presentations did an outstanding job, leaving the chancellor with a clear message about the high quality of our programs and our commitment to excellence in these areas."

IN BRIEF

Farewell reception planned for Jim Smith, Connie Ruhl-Smith

The University community is invited to offer best wishes to Dr. Jim Smith, vice president for regional growth and economic development, and Dr. Connie Ruhl-Smith, assistant vice provost for academic affairs, from 4-5:30 p.m. Thursday (June 4) in 201 Bowen-Thompson Student Union.

Jim Smith will assume the presidency of Northern State University in South Dakota on July 1.

New online Faculty Center to be discussed at BG@100 open forum

This month's BG@100 open forum will focus on the CSS Faculty Center. The presentation will demonstrate Faculty Center access, including how to view My Teaching Schedule and Class Roster, advisement information and the Grade Roster. Also explained will be submission of grades through Blackboard as well as through the Faculty Center.

The forum will take place from 1:30-2:30 p.m. Thursday (June 4) in 314 Bowen-Thompson Student Union. Project team members will also be available to answer questions regarding BG@100 and the Campus Solutions (CSS) implementation.

Further information about the BG@100 project to implement CSS as the system of record for student administration at BGSU is available at www.bgsu.edu/bgat100.

Discount Cedar Point tickets offered

Cedar Point tickets at discounted prices are available to faculty, staff and students at the University bookstores' respective customer service counters.

Bring your BGSU ID to the bookstore in the Bowen-Thompson Student Union or at Firelands. Prices are: Good Any Day tickets - \$35; Ride and Slide tickets - \$66.99, and Soak City tickets - \$23.99.

CALENDAR

Monday, June 1

Sundaes on Mondays, free ice cream, 11:30 a.m.-1 p.m., Falcon's Nest, Bowen-Thompson Student Union.

Tuesday, June 2

W. Heinlen Hall Lecture Series, "Chemistry Meets Mechanics in Search of Self-Healing Function," with Dr. Jeffrey S. Moore,

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University of Illinois at Urbana-Champaign, 3:30-4:30 p.m., 123 Overman Hall.

Wednesday, June 3

Provost Candidate Open Forum, with Dr. James Mackin, provost and vice president for academic affairs, Bloomsburg (Pa.) University, 10-11 a.m., Union Theater.

W. Heinlen Hall Lecture Series, "Mechanochemical Reactions for Mechanoresponsive Materials," with Dr. Jeffrey S. Moore, University of Illinois at Urbana-Champaign, 3:30-4:30 p.m., 123 Overman Hall.

Thursday, June 4

Fire Safety at BGSU Training Session, 10-11 a.m., 1 College Park Building. To register, call 2-2171 or visit www.bgsu.edu/offices/envhs/page22440.html.

W. Heinlen Hall Lecture Series, "Macromolecular Architecture in Materials Design," with Dr. Jeffrey S. Moore, University of Illinois at Urbana-Champaign, 3:30-4:30 p.m., 123 Overman Hall.

Friday, June 5

Provost Candidate Open Forum, with Linda Thompson Adams, dean, School of Nursing, Oakland University, Michigan, 10-11 a.m., Union Theater.

W. Heinlen Hall Lecture Series, "Chemistry Gone Global on Your Mobile," with Dr. Jeffrey S. Moore, University of Illinois at Urbana-Champaign, 10-11:30 a.m., 095 Overman Hall.

Classified Staff Council Annual Golf Outing, lunch at 11:30 a.m. followed by shotgun start at 12:30 p.m., Forrest Creason Golf Course. For more information, visit www.bgsu.edu/organizations/csc/page43959.html.

Dissertation Defense, "Multiple Comparisons under Unequal Variances and Its Applications to Dose Response Studies," by Hong Li, mathematics and statistics, 10 a.m., 459 Mathematical Sciences Building.

Memorial Concert, in memory of the late Dr. Fujiya Kawashima, Asian studies, 7:30 p.m., Kobacker Hall, Moore Musical Arts Center. Proceeds will be used to support the creation of a Japanese peace garden in Bowling Green. Tickets, \$25 each, are on sale at Grounds for Thought, 174 S. Main St.; Calico, Sage and Thyme, 115 Clay St., and the Community Center, 1245 W. Newton Road. Tickets also can be ordered by mail from the Bowling Green Parks and Recreation Foundation, 1291 Conneaut Ave.

Saturday, June 6

Eighth Annual Autism Summit of Northwest Ohio, "The Neurology of Autism," with keynote speaker Nancy J. Minshew, M.D., a professor of psychiatry and neurology and director of the Center for Excellence in Autism Research, University of Pittsburgh School of Medicine, 8 a.m.-4 p.m., Union. The fee is \$69 with CEUs, \$49 without CEUs and \$15 for students. For more information or to register, visit <http://pace.bgsu.edu> or call 2-8181.

WBGU-PBS Kids Extravaganza, a family event with games, inflatables, crafts, face painting, entertainment and food, 10 a.m.-2 p.m., Tucker Telecommunications Center. PBS characters WordGirl and Raggs, PBS Kids host Mr. Steve and WBGU's Ruby the Red-Eyed Tree Frog will make appearances.

Sunday, June 7

Summer Music Institute (SMI) Musical Theater Faculty Recital, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Monday, June 8

Sundaes on Mondays, free ice cream, 11:30 a.m.-1 p.m., Falcon's Nest, Union.

SMI Brass Faculty Recital, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Tuesday, June 9

SMI Super Sax Faculty Recital, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Wednesday, June 10

Red Cross One-Day Blood Drive, 10 a.m.-4 p.m., 228 Union.

Stained Glass Workshop, cut, foil and solder a stained glass window panel, class meets Wednesdays, June 10 and 17, 6:30-9:30 p.m. The fee is \$69 plus a \$30 materials fee. To register, call 2-8181 or visit <http://pace.bgsu.edu/registeronline>.

SMI Brass Guest Artist, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Thursday, June 11

Radiation and Laser Safety for Auxiliary Personnel Training Session, 9-10:30 a.m., 2 College Park Building. To register, call 2-2171 or visit www.bgsu.edu/offices/envhs/page22440.html.

Provost Candidate Open Forum, 10-11 a.m., Union Theater.

SMI Brass Honors Recital, 8 p.m., Kelly Instrumental Rehearsal Hall, Moore Musical

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Arts Center.

SMI Super Sax Duet Recital, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Friday, June 12

Mold Prevention and Remediation Training Session, 9-10 a.m., 2 College Park Building. To register, call 2-2171 or visit www.bgsu.edu/offices/envhs/page22440.html.

SMI Brass Finale Concert, 10 a.m., Bryan Recital Hall, Moore Musical Arts Center.

SMI Super Sax Finale Concert, 1 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Saturday, June 13

SMI Musical Theater Finale Concert, featuring the **brass, musical theater and super sax camps**, 1 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Sunday, June 14

SMI Piano Faculty Recital, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Monday, June 15

Eight-Week Summer Session Begins.

Sundaes on Mondays, free ice cream, 11:30 a.m.-1 p.m., Falcon's Nest, Union.

SMI Clarinet Faculty Recital, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

Continuing Events

Beginning June 1

Beginner Karate Classes, Mondays and Wednesdays, June 1-July 1, 6:30-8 p.m.

Free self-defense night on July 1. The fee is \$25 for full time, \$12.50 for half time; uniform is not required. To register, call 2-8181 or visit <http://pace.bgsu.edu/registeronline>.

June 7-13

Summer Music Institutes, brass, musical theater and super sax camps, Moore Musical Arts Center.

Through June 8

Art Exhibit, Graduate Arts Student Organization National Juried Show, Union Art Gallery. Gallery hours are 8 a.m.-9 p.m. Monday-Saturday and 10 a.m.-9 p.m. Sundays.

Beginning June 12

Art Exhibit, "Life in Christ," Union Art Gallery. Gallery hours are 8 a.m.-9 p.m. Monday-Saturday and 10 a.m.-9 p.m. Sundays.

Beginning June 14

Summer Music Institutes, clarinet, piano and string orchestra camps, Moore Musical Arts Center.

Through June 20

PRIZM Art-A-Fair, gallery hours are 1-8 p.m. Thursdays and Fridays, and 1-4 p.m. Saturdays, Fine Arts Center galleries.

JOB POSTINGS

FACULTY

Human Movement, Sport and Leisure Studies. Instructor (three positions).

Call Mary Bobb, 2-7234. Deadline: June 8.

General Studies Writing. Instructor (two positions). Call Donna Nelson-Beene, 2-7885. Deadline: June 15.

Musical Arts. Instructor. Call Bill Mathis, 2-8576. Deadline: June 15.

Philosophy. Instructor. Call the department, 2-2117. Deadline: June 15.

Labor Postings

<http://international.bgsu.edu/index.php?x=facinfohires>

Contact the Office of Human Resources at 419-372-8421 for information regarding classified and administrative positions. Position vacancy announcements may be viewed by visiting the HR Web site at www.bgsu.edu/offices/ohr/.

Employees wishing to apply for these positions must sign a "Request for Transfer" form and attach an updated resume or data sheet.

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This information must be turned in to Human Resources by the job deadline.

Off-campus classified:
www.bgsu.edu/offices/ohr/employment/cl_staff/page11145.html

CLASSIFIED

On-campus classified:
www.bgsu.edu/offices/ohr/employment/BGSU_only/page11151.html

ADMINISTRATIVE

www.bgsu.edu/offices/ohr/employment/adm_staff/page11137.html

OBITUARY

There were no obituaries this week.