Michigan Instruments donates test lung devices

Students in nursing and health professions programs will have opportunities to learn respiratory care using state-of-the-art training and test lung devices donated by a company that developed the “Michigan Lung.”

Michigan Instruments Inc., based in Grand Rapids, donated two respiratory simulation units to Grand Valley on November 20 at the Cook-DeVos Center for Health Sciences. Joe Baldwin, president of the medical equipment manufacturing company, said the units will provide students with real-time data, measurements and responses that simulate those of a respiratory patient.

“It is our privilege to provide the latest advancements in training and test lung products to Grand Valley State University,” Baldwin said. “Our Michigan Lung is recognized worldwide and we are fortunate to work with Grand Valley to ensure students in West Michigan are able to receive the best possible training.”

Atomic Object, a software development and web firm, was hired by Michigan Instruments to create cutting-edge software — Pnue View 3® — for the TTL devices.

Atomic Object co-founder Carl Erickson left an academic career at Grand Valley to start Atomic Object. Many of the company’s Grand Rapids staff members have Grand Valley degrees.

Michael W. Wambach, chair of the Allied Health Sciences, said this donation will be put to use immediately by students and faculty members in nursing, physician assistant studies, and respiratory therapy.

“These Michigan Instruments products reproduce the movement of lungs in normal and abnormal states,” Wambach said. “Faculty will be better able to simulate different pulmonary disease states with varying amounts of lung stiffness and changes in airway resistance to gas movement.”

The donation will also reach Grand Valley students who are enrolled in the respiratory therapy program at Muskegon Community College as the program is a collaborative effort between Grand Valley and MCC.

The Michigan Lung is regarded as the most versatile, reliable training and test lung on the market. Baldwin said the software updates by Atomic Object allow for hundreds of simulated patient scenarios.

Across Campus

Mother, son will graduate from KCON together

A mother-son duo who started classes together in the Kirkhof College of Nursing in 2010 will earn degrees at the December 6 commencement.

Jennifer Zoeteman is receiving a doctor of nursing practice degree, and her son, Matt Zoeteman, is receiving a bachelor’s degree in nursing.

Jennifer earned a bachelor’s degree in nursing from Purdue University in 1989 and a master’s degree in nursing from Grand Valley in 2002. She is an affiliate professor of nursing for KCON.

“My mom was a big influence in my decision to pursue nursing,” Matt said. “She would come home from work with such fascinating stories. I quickly realized how much opportunity I could have in the nursing field.”

Jennifer said having her son in the BSN program has helped her better understand the undergraduate students she teaches. “I experienced the competitive admission process, so I know the challenges my students face with rigorous coursework and long clinical hours,” she said.

Matt said he appreciated having his mother around for motivation while he was in the upper-level program the past two and a half years. “My mom is someone I can relate to,” he said. “She’s someone I can talk to when I’m either up or down. She constantly encouraged me as I strived to complete the program.”

Even at different educational levels, the pair had similar assignments and struggles. “We both had discussion boards, papers, and tests,” Jennifer said. Adding to that, Matt said it was nice to have someone on the same schedule. “We are both always at the hospital,” he said. “It’s nice to have someone to talk to on the drive home who is truly interested in what you did and the unique patients you cared for.”

After graduation, Jennifer plans to continue teaching and working as a nurse practitioner. Matt plans to work as a registered nurse and to pursue a graduate degree next fall.

While the two never imagined they would graduate together, they were glad to have each other for support throughout the past four years. “It’s easier when there are other people in your family going to college at the same time.”

Photo by Elizabeth Lienau

Photo from left are Joe Baldwin, Joe St. Martin, Roy Olsson, Jean Nagelkerk and Michael Wambach. Baldwin and St. Martin are from Michigan Instruments, the company that donated test lung devices to Grand Valley.
Across Campus

continued from page 1

Matt said, “My brother is also an undergraduate student at Grand Valley.”

The pair is thrilled to be walking in commencement on the same day. “Graduating with your son is a rare experience,” Jennifer said. Matt agreed, “I did not expect to graduate from college with my mom. It will be a day we will not soon forget!”

Student receives scholarship from Make-A-Wish Michigan

Many kids with life-threatening conditions who receive wishes granted by Make-A-Wish Michigan are off to a vacation destination or to meet a celebrity. Jessica LeBlanc wanted to go to Allendale to attend college at Grand Valley.

The Clinton Township native received her wish to be a Laker when Make-A-Wish Michigan granted her a partial scholarship this fall. LeBlanc, now 18, is majoring in nursing. “I was a senior in high school and I knew band she missed the most; she plays the piccolo,” LeBlanc said.

She spent about six months on the wait list for a donor kidney. LeBlanc missed most of her senior year in high school and said it was marching band she missed the most; she plays the piccolo.

One of her doctors at University of Michigan Mott Children’s Hospital referred LeBlanc to Make-A-Wish. “I was a senior in high school and I knew I needed a scholarship to go to college to study nursing, so I made my wish for that,” she said.

While LeBlanc didn’t join the Laker Marching Band, she is active on campus, serving on the council for her living center and as a member of Grand Valley’s American Sign Language and Culture Club and its Make-A-Wish Club.

Karen Davis, president and CEO of Make-A-Wish Michigan, said the organization was honored to grant LeBlanc’s wish.

“Jessica’s heartfelt wish was to receive a college scholarship to help further her education, and we are delighted to make this wish come true,” Davis said.

Record enrollment for engineering, computing

A record number of students are enrolling in and graduating from engineering and computing programs at Grand Valley. The Padnos College of Engineering and Computing reported that the number of students majoring in engineering programs has nearly doubled in the last 10 years, and enrollment in computing and information systems programs has increased by 46 percent since 2006.

Paul Plotkowski, dean of the college, said the growth is attributed to employer demand and student interest, which is a result of more attention being paid to STEM disciplines in K-12 schools.

“The message that these disciplines are making a difference in the world is being heard,” Plotkowski said. “Ten to 15 years ago, you probably never heard of work like biomedical engineering. Today, it’s a very understood thing and a good example of how engineering changes the world.”

Plotkowski said the No. 1 piece of feedback PCEC receives from students is the benefits of cooperative education, a program that requires students to complete three semesters of paid intern work for an employer that is most often located in West Michigan.

Last printed Forum for semester

This marks the last printed issue of Forum for the fall semester. Forum will resume its publication schedule on January 12. Keep updated on campus news by visiting Grand Valley’s news website, GVNow, at www.gvsu.edu/gvnow.

FORUM Volume 39, Number 15
The GVSIU Forum is published by University Communications. The submission deadline is Tuesday noon. Send publication items to Michele Coffill, editor, c/o forum@gvsu.edu. Telephone: 616-331-2221. Fax: 616-331-2250. Web: www.gvsu.edu/forum.
Faculty and staff members can find an online “Sketches” submission form on the Web at www.gvsu.edu/forum.
University Communications Staff: Mary Eileen Lyon, associate vice president Sherry Bouwman, assistant Dottie Barnes, associate director of news Bernadine Carey Tucker, photography manager Michele Coffill, associate director of publications Nate Hovakiet, communications specialist Jeremy Knickerbocker, videographer Elizabeth Lienau, photography coordinator Matthew Makowski, communications specialist Amanda Pitts, photographer Leah Tweeny, communications specialist Kayla Foster, student writer
Other publications by University Communications include: Grand Valley Magazine, which is published quarterly for the university community. Visit its website at www.gvsu.edu/gvmagazine.
Visit Grand Valley’s online publication, GVNow, at www.gvsu.edu/gvnow, for daily news updates and video features.

Grand Valley State University is an affirmative action/equal opportunity institution.

Service Award Recipients

Grand Valley’s Service Award and Holiday Gathering is set for Thursday, December 4. The event will run from 3-5 p.m. in the Kirkhof Center, Grand River Room, with the awards ceremony beginning at 3:30 p.m. Most campus offices may close at 3 p.m.

40-year award recipients
Donana Gould, Modern Languages and Literatures
Stanton Lindquist, School of Accounting
Harvey Nielson, Chemistry

35-year award recipients
Danny Abbott, Information Technology
John Betts, Facilities Services
Jeffrey Carlson, Information Technology
James Grant, College of Education
Patricia Haynes, CLAS Dean’s Office
Stephan Savasisky, WGVU
Bonnie Woodman, University Libraries (retired)

Cynthia Zehner, Anthropology

25-year award recipients
Andrea Marks, Admissions Office
Andrea Bostrom, Kirkhof College of Nursing
Barbara Brower, University Libraries
Nancy Brown, University Development
Douglas Chung, School of Social Work
Patricia Clark, Writing
Kevin Cole, Geology
Rita Cooper, Hospitality and Tourism Management
Pamela Downing, Information Technology
Shirley Fleschmann, College of Engineering
Julia Guevara, Provost’s Office
John Klein, Academic Computing Services
Wayne Kooistra, Facilities Services
Lynn Krupansky, Conference and Event Planning Services

continued on page 3
What's Ahead

Student jewelry exhibit combines art and geology

Most people buy jewelry online or in stores, but students from different disciplines at Grand Valley are collaborating to create their own.

Renee Zettle-Sterling, associate professor of art and design, and her students are collaborating with Grand Valley’s Geology Club to present “Cut, Ground, Formed and Fabricated.” The exhibition will feature jewelry crafted by art and design students from cabochon stones created by Geology Club students.

The students used the flat-backed cabochon stones to design and fabricate necklaces and bracelets that will be on display during the exhibit. Zettle-Sterling said this has been an experience full of firsts for her students.

“For the majority of the students in the class, this is the first time they have used a torch, worked with silver, made a setting for a stone or fabricated a metal,” said Zettle-Sterling.

The students used the flat-backed cabochon stones to design and fabricate necklaces and bracelets that will be on display during the exhibit. Zettle-Sterling said this has been an experience full of firsts for her students.

“FORUM | DECEMBER 1, 2014 3"

Service Award Recipients

continued from page 2

Mark Luttenant, Biology
Jane Mays, Mathematics
Carmen Nochera, Biomedical Sciences
Toni Perrine, School of Communications
Mark Pestana, Philosophy
Star Raymond, University Budgets
Michael Schrotenboer, Facilities Services
Terri Sue, University Budgets
Daniel Teunis, Facilities Services
Kurt Thompson, AWRI
Stephanie Vasquez, Facilities Services
Roy Winegar, School of Communications
M. Gabriela Pozzi, Modern Languages and Literatures
Philip Pyrett, Facilities Services
Min Qi, Chemistry
Richard Rediske, AWRI
Mary Reimink, Information Technology
Neal Rogness, Statistics
Stephanie Schaerfel, Chemistry
Lisa Surman-Haigh, Provost’s Office
Carol Talsma, Pew Campus Copy Services
LeaAnn Tibbe, Student Life Office
Brian Van Doeselaar, Accounting Office
Sally Vissers, Women and Gender Studies
Xiaojuan Xu, Psychology

20-year award recipients

Marietta Ackley, University Libraries
Kathleen Bailey, School of Criminal Justice
Deborah Bambini, Kirkhof College of Nursing
Pamela Breznen, Accounting Office
Brian Cole, Center for Adult and Continuing Education
Michael DeWilde, Philosophy
Polly Diven, Political Science
Launie Finkler, Mathematics
Theresa Gooden, Facilities Services
Robert Hendersen, Psychology
Bonnie Hudson, Marketing
Sandra Jennings, Athletics
Brian Johnson, School of Criminal Justice
Rita Kehman, University Libraries
Philip Lane, WGVU
Gordon Lesinski, Operations
Rosemaria Lintner, Facilities Services
Neil MacDonald, Biology
Michael Malloy, Facilities Services
Barry Martin, Music and Dance
Anthony Nieuwkoop, Biomedical Sciences

FORUM | DECEMBER 1, 2014 4

Tara Cornelius-Reece, Psychology
Matthew Daley, History
Sarah Dickerson, Writing
Mestafa El-Said, School of Computing and Information Systems
Troy Farley, Career Center
Wolfgang Frieduleimer, Psychology
Bradley Gorden, WGVU
Arline Hecksell, Writing
Christine Hernandez, Procurement Services
Robert Hollister, Biology
Katie Humphrey, College of Community and Public Service Dean’s Office
Amy Jasinski, Student Information and Services Center
Lihong, School of Engineering
Jason Johnson, Athletics
Andrea Kaltany, Writing
Sharon Kalen, College of Education
Christopher Kierkus, School of Criminal Justice
John Kilbourne, Movement Science
Patricia Kishman, University Libraries
Sharon Kowalczyk, Athletics
Maja Krcmar, Physics
James Krikke, Chemistry
Zachary Kurmas, School of Computing and Information Systems
Hermann Kurthen, Sociology
Diane Laughlin, Biology
Christopher Lawrence, Chemistry
Hoon Lee, Art and Design
Ten Leedy, Economics
David Linn, Biomedical Sciences
Ronald Loeffler, Philosophy
Kay Losey, Writing
Tara Cornelius-Reece, Psychology
Matthew Daley, History
Sarah Dickerson, Writing
Mestafa El-Said, School of Computing and Information Systems
Troy Farley, Career Center
Wolfgang Frieduleimer, Psychology
Bradley Gorden, WGVU
Arline Hecksell, Writing
Christine Hernandez, Procurement Services
Robert Hollister, Biology
Katie Humphrey, College of Community and Public Service Dean’s Office
Amy Jasinski, Student Information and Services Center
Lihong, School of Engineering
Jason Johnson, Athletics
Andrea Kaltany, Writing
Sharon Kalen, College of Education
Christopher Kierkus, School of Criminal Justice
John Kilbourne, Movement Science
Patricia Kishman, University Libraries
Sharon Kowalczyk, Athletics
Maja Krcmar, Physics
James Krikke, Chemistry
Zachary Kurmas, School of Computing and Information Systems
Hermann Kurthen, Sociology
Diane Laughlin, Biology
Christopher Lawrence, Chemistry
Hoon Lee, Art and Design
Ten Leedy, Economics
David Linn, Biomedical Sciences
Ronald Loeffler, Philosophy
Kay Losey, Writing
Tara Cornelius-Reece, Psychology
Matthew Daley, History
Sarah Dickerson, Writing
Mestafa El-Said, School of Computing and Information Systems
Troy Farley, Career Center
Wolfgang Frieduleimer, Psychology
Bradley Gorden, WGVU
Arline Hecksell, Writing
Christine Hernandez, Procurement Services
Robert Hollister, Biology
Katie Humphrey, College of Community and Public Service Dean’s Office
Amy Jasinski, Student Information and Services Center
Lihong, School of Engineering
Jason Johnson, Athletics
Andrea Kaltany, Writing
Sharon Kalen, College of Education
Christopher Kierkus, School of Criminal Justice
John Kilbourne, Movement Science
Patricia Kishman, University Libraries
Sharon Kowalczyk, Athletics
Maja Krcmar, Physics
James Krikke, Chemistry
Zachary Kurmas, School of Computing and Information Systems
Hermann Kurthen, Sociology
Diane Laughlin, Biology
Christopher Lawrence, Chemistry
Hoon Lee, Art and Design
Ten Leedy, Economics
David Linn, Biomedical Sciences
Ronald Loeffler, Philosophy
Kay Losey, Writing
Tara Cornelius-Reece, Psychology
Matthew Daley, History
Sarah Dickerson, Writing
Mestafa El-Said, School of Computing and Information Systems
Troy Farley, Career Center
Wolfgang Frieduleimer, Psychology
Bradley Gorden, WGVU
Arline Hecksell, Writing
Christine Hernandez, Procurement Services
Robert Hollister, Biology
Katie Humphrey, College of Community and Public Service Dean’s Office
Amy Jasinski, Student Information and Services Center
Lihong, School of Engineering
Jason Johnson, Athletics
Andrea Kaltany, Writing
Sharon Kalen, College of Education
Christopher Kierkus, School of Criminal Justice
John Kilbourne, Movement Science
Patricia Kishman, University Libraries
Sharon Kowalczyk, Athletics
Maja Krcmar, Physics
James Krikke, Chemistry
Zachary Kurmas, School of Computing and Information Systems
Hermann Kurthen, Sociology
Diane Laughlin, Biology
Christopher Lawrence, Chemistry
Hoon Lee, Art and Design
Ten Leedy, Economics
David Linn, Biomedical Sciences
Ronald Loeffler, Philosophy
Kay Losey, Writing
Tara Cornelius-Reece, Psychology
Matthew Daley, History
Sarah Dickerson, Writing
Mestafa El-Said, School of Computing and Information Systems
Troy Farley, Career Center
Wolfgang Frieduleimer, Psychology
Bradley Gorden, WGVU
Arline Hecksell, Writing
Christine Hernandez, Procurement Services
Robert Hollister, Biology
Katie Humphrey, College of Community and Public Service Dean’s Office
Amy Jasinski, Student Information and Services Center
Lihong, School of Engineering
Jason Johnson, Athletics
Andrea Kaltany, Writing
Sharon Kalen, College of Education
Christopher Kierkus, School of Criminal Justice
John Kilbourne, Movement Science
Patricia Kishman, University Libraries
Sharon Kowalczyk, Athletics
Maja Krcmar, Physics
James Krikke, Chemistry
Zachary Kurmas, School of Computing and Information Systems
Hermann Kurthen, Sociology
Diane Laughlin, Biology
Christopher Lawrence, Chemistry
Hoon Lee, Art and Design
Ten Leedy, Economics
David Linn, Biomedical Sciences
Ronald Loeffler, Philosophy
Kay Losey, Writing

Holiday concert concludes Fall Arts Celebration

Fall Arts Celebration concludes with the University Arts Chorale and the Jenison High School Chamber Singers joining music and dance faculty members and guests for a special performance of Robert Shaw’s “The Many Moods of Christmas.”

The concert, “The Many Moods of Christmas: Celebrating the Traditional Music of the Holidays,” is Grand Valley’s holiday gift performance to the West Michigan community and will feature traditional Christmas carols with music from composers like Handel, Bizet and Bach. The December 8 event will take place at 7:30 p.m. at Fountain Street Church in Grand Rapids; it is free and open to the public. Seating is limited.

“For this is a unique performance opportunity as the "Many Moods" are almost never performed in their entirety. It will be amazingly popular with those who attend,” said Danny Phipps, chair of music and dance.

“The Many Moods of Christmas” was created with collaborator Robert Russell Bennett in 1963 for a special RCA Victor recording release that same year. Combining the ageless music of 18 of the most traditional carols with well-loved holiday melodies, the talented duo constructed an oratorio-like iconic masterpiece that strings together tune after tune like pearls in a necklace, filling the listener with the magic and excitement of the holidays.

Shaw often has been cited as America’s greatest choral conductor, with a remarkable career that included positions as conductor and musical director of both the Cleveland and the Atlanta symphony orchestras.

For more information, visit www.gvsu.edu/ fallarts, or call x12815.
**Faculty and Staff Sketches**

**Sketches**


College of Education faculty members Catherine L. Meyer, Liz Margulus and Suzanne Richards gave a presentation, "Implementing Effective and Sustainable Change," at the West Michigan ELC Conference held at the Kent Intermediate School District.


David Kurjiska, associate professor of biomedical sciences, co-wrote an article with a student, "CaV3.2 Channels and the Induction of Negative Feedback in Cerebral Arteries," published in Circulation Research.

Erik Nordman, associate professor of biology; Betty Gajewski, AWRI staff member; Paul Isely, professor and chair of economics; John Koches, associate research scientist, wrote an article, "An Integrated Assessment for Wind Energy in Lake Michigan Coastal Counties."

John Koches, associate research scientist, gave a presentation, "Drones and Water Quality," at the Ottawa County Ninth Annual Water Quality Forum.

Mark Gleason, assistant professor of hospitality tourism management, and Mark Schwartz, associate professor of anthropology, gave a presentation, "The Future is Now, Students Use of Underwater Robotics to Explore and Conduct Research," at the Great Lakes Placed-Based Educational Conference.


Scott Rood, assistant professor of hospitality and tourism management, received the Resort and Commercial Recreation Association's annual "Excellence in Research" award at the 34th National Conference for his presentation, "West Michigan Water Trail: Planning for a Lake Michigan Water Trail from Benton Harbor to Ludington."


Zulema Moret, Latin American Studies coordinator, wrote a book, La Mujer De La Piedra, published by Artepoetica Press.


Deborah Herrington, professor of chemistry, participated in a panel discussion highlighting the Target Inquiry Program at the 2014 Regional National Science Teachers Association Meeting in Orlando, Florida.

**Service Award Recipients**

continued from page 3

Mitzi Loving, Movement Science
Richard Luce, Institutional Marketing
Deborah Maddox, University Libraries
Jack Mangala, Brooks College of Interdisciplinary Studies
Brian Merry, University Libraries
Pamela Miller, University Counseling Center
Mark Minnema, Facilities Services
Matthew Mitchell, Athletics
Sharail Moore, Children's Enrichment Center
Zulema Moret, Modern Languages and Literatures
Cray Mulder, School of Social Work
Bradley Newman, Facilities Planning
Heidi Nicholson, CLAS Dean's Office
Mary Ogdaal, AWRI
Jamie Owen-DelSchrwyer, Psychology
Nichole Payne, Admissions Office
Glenn Pettengill, Finance
Sara Pokorski, Legal, Compliance and Risk Management
Emma Ramey, Writing
Wendy Relfee, College of Engineering
Kathleen Rice, University Development
Michael Roskamp, Movement Science
Robert Rozema, English
Angela Ryan, College of Community and Public Service Advising Center
Harold Schnyders, Physics
Mark Schwartz, Anthropology
Darronda Scott-Jones, Women's Center
Timothy Shea, Facilities Services
Kimberly Shafterly, WGVU
Mary Shelton, College of Education
Shelley Sickrey, Office of Undergraduate Research and Scholarships
Shelby Smith, Mathematics
Mary Spalding, Office of Vice Provost for Health
Sailakshmi Srinivasan, Mathematics
Scott Stabler, History
Francis Sylvester, Biomedical Sciences
Brandie Tenney, Housing and Residence Life

Bogdan Teodorescu, Information Technology
Brian Teunis, Operations
Leah Thomas, Copy Services-Pew Campus
John Uglietta, Philosophy
Mary VanRopering, College of Engineering and Computing Dean's Office
Heather VanWormer, Anthropology
Jeroen Wagendorp, Geography and Planning
Peter Wampler, Geology
Paula Wellman, Payroll Office (retired)
Richard Wesley, Athletics
Daniel Wezeman, Kirkhof College of Nursing
Dennis Wyatt, University Libraries
Christine Yalda, School of Criminal Justice
Darlene Zwart, College of Health Professions Student Services Office