Wall Charts as Art

Science became a work of art at the Marine Biological Laboratory this summer in an exhibit featuring 15 lifesize reproductions of zoological wall charts from a collection in the MBL/WHOI Library Archives. The exhibit, entitled “Wall Charts as Art,” is on display in the Meigs Room at the Swope Center, where it provides a striking visual backdrop as members of the MBL community gather for dinners, lectures, and other events.

The 15 reproductions are selections from a series of 116 charts produced from 1877 to 1892 by Rudolf Leuckart, Professor of Zoology and Parasitology at the University of Leipzig, Germany. Noted for their detail, these charts were used as teaching aids in universities around the world. The MBL/WHOI Library Archives has one of the few remaining complete collections of the original chromolithographs.

The exhibit was created by Ann Weissmann, Exhibitions Consultant at the New York Historical Society and long-time member of the MBL community. “These charts are very rare, very beautiful, and extremely well preserved,” she says. “They are specimens of art in addition to being specimens of zoology.”

Weissmann and her husband, MBL Trustee Dr. Gerald Weissmann, have been coming to Woods Hole in the summer since 1970. Weissmann became interested in the archives several years ago and wanted to find a way to make the collections more visible to the public. “I thought this was one of the hidden treasures of the institution,” she says, “and using the Meigs Room as an exhibit space seemed like an ideal way to showcase some of the gems of the collection.”

“Wall Charts As Art” is the second in what Weissmann hopes will be a long series of exhibits featuring the Archives collections. The first exhibit she put together, “Highlights from the MBL Archives,” told a photographic history of the MBL. Several of those photographs now decorate the walls of the Director’s office in Candle House.

As the Exhibition Curator for the MBL/WHOI Library, Weissmann particularly wants to exhibit collections that illustrate the rich history of the MBL scientific community. While Leuckart himself never taught at the MBL, many of his students did come here to teach and do research, including Charles Whitman, the MBL’s founding director. The 15 charts reproduced for the exhibition were selected to show species that have been used for research here at the MBL.

The Archives’ collection of Leuckart Wall Charts was completed in the early 1990s by a gift from Dr. Louis Herlands, a 1977 MBL Physiology course alum and veteran of the MBL summer community. By 1996, the entire collection had been scanned and made available on the web. With thousands of hits on the Leuckart webpage each month, Library Director Cathy Norton says the charts are “no longer an oddity,” but are once again “actively used in curricula world-wide.” In the future, Norton says she would also like to see each of the Archives exhibits digitized and put on the web.

The next exhibit Weissmann has planned from the Archives will be “Cook’s Expeditions: the Art of Exploration,” which will feature excerpts from the collection of original journals and drawings from the three expeditions of the renowned 18th century explorer, Captain James Cook.

— Angela Danery
The National Science Foundation awarded the following grants:

- $2,699,971 (over 4 years) for “Trophic cascades and interacting control processes in a detritus-based aquatic ecosystem.” Linda Deegan is the principal investigator.
- $1,648,366 (over 5 years) for “Biogeochemical Tracers in Arctic Rivers: Linking the Pan-Arctic Watershed to the Arctic Ocean.” Bruce Peterson is the principal investigator.
- $342,774 for “Turnover and Retention of Nitrogen in an Arctic Watershed: Links to Organic Matter Accumulation and Response to Climate.” Gaius Shaver is the principal investigator.
- $80,111 for the course, “REU: Marine Models in Biological Research.” Lenny Dawidowicz is the principal investigator.
- $8,000 for “LTER: Plum Island Sound Comparative Ecosystem Study (PISCES): Effects of Changing Land Cover, Climate and Sea Level on Estuarine Trophic Dynamics.”
- $342,774 for “Turnover and Retention of Nitrogen in an Arctic Watershed: Links to Organic Matter Accumulation and Response to Climate.”
- $15,000 for “Regulation of p53 Gene Family Expression in Clam Leukemia Virus Comparative Ecosystem Study (PISCES): Effects of Changing Land Cover, Climate and Sea Level on Estuarine Trophic Dynamics.”
- $254,300 for “Development of Mediterranean Marine Science News, from page one

ESL Workshop Offered This Fall

The WHOI-MBL International Committee is sponsoring an ESL (English as a Second Language) workshop for personnel who are interested in serving as English tutors for the benefit of international staff and students.

The workshop will take place on Friday, October 4, at noon in room 509 of the Clark Building (Quisset Campus). It is open to any MBL employee who has an interest in tutoring MBL international staff and students. All interested staff are welcome to attend.

Please contact Pat Micks, (508) 289-7537, pmicks@mbl.edu, for information.

MJB/WHO Library News

Over the next year, the MBL/WHOI Library plans a complete redesign of its space and services to better serve the scientific community. With the trend toward Web-based information access and the dearth of physical space to house its print collection, the Library will be moving toward a highly robust electronic environment for the delivery of scientific information. Some literature that is seldom used locally will be placed in off-site storage with an associated document retrieval and delivery service. Additionally, due to reduced budgets and runaway serials price inflation, the Library is preparing for journal cancellations in 2003. After studying use patterns for print and online titles, the Library selectors have arrived at a second list of journals: one that replaces print subscriptions with online access only, and a second list of proposed titles for cancellation. Because of the interdisciplinary nature of scholarship in Woods Hole, the Library is providing these lists for comment by the scientific community. To view these lists and to submit comments, please see http://www.mblwholib.org/news/cancelled.html.

14, 2002, in Tampa Florida. The meeting, for scientists, managers, and fishing industry representatives will focus on ensuring sustainable fisheries and healthy, diverse ecosystems by advancing the scientific knowledge available to evaluate and manage fishing activities that affect ocean floor habitats.

The symposium is sponsored by the American Fisheries Society, the Ecological Society of America, the National Oceanic and Atmospheric Administration, and the US Geological Survey. For more information visit: http://walrus.wr.usgs.gov/bh2002/.

Gifts and Grants

The Milton L. Shifman Scholarship Trust contributed $564,502 to the existing Milton L. Shifman Endowed Scholarship. This scholarship provides support for Dartmouth students in summer courses and/or Dartmouth students working with MBL investigators in their labs.

Universal Imaging Corporation contributed $40,000 in support of the Universal Imaging Corporation fellow, Dr. Fred Chang, and also the Mitchison/Salmon group, who did research at the MBL this summer.

Massachusetts Environmental Trust awarded $20,389 to fund the first year of the Sandplain Biodiversity Management Program. The MBL will examine the effects of sandplain biodiversity management techniques on the quality of water delivered to the groundwater aquifer and an adjacent coastal great pond on Martha’s Vineyard.

Sholley Foundation, Inc. awarded $20,000 to support the continuing research on cephalopods at the Marine Resources Center.

The New York Times Company Foundation renewed funding in the amount of $10,000 for the MBL’s Science Journalism Program.

Applied Biosystems awarded $10,000 to help underwrite the expenses for a new course titled Advances in Genome Science. The course is being offered by the MBL and The Institute of Genome Research.

The National Institutes of Health awarded the following grants:

- $969,024 (over 5 years) for the course, “Embryology.” Joel Rothman is the principal investigator.
- $617,540 (over 5 years) for the course “Neuroinformatics.” Partha Mitra is the principal investigator.
- $229,950 for “3-D Image Restoration for Polarized Light Microscopy.” Rudolf Oldenbourg is the principal investigator.
- $228,927 for “Testing Molecular Evolutionary Consequences of Endosymbiosis.” Jennifer Wennegreen is the principal investigator.
- $126,111 for the course, “Training in Methods in Computational Neuroscience.” William Bialek is the principal investigator.
- $45,750 for the course, “Physiology: Cellular and Molecular Biology.” Lenny Dawidowicz is the principal investigator.

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- $254,300 for “Development of Mediterranean Marine
Benefits Buzz

The MBL will host two Financial Education Seminars on Wednesday, October 23, 2002, in Whitman Auditorium, from 5:30 to 7:00 PM.

RETIREMENT FLEXIBILITY STRATEGIES FOR MANAGING YOUR INCOME

This seminar will help you to:
• plan for retirement
• invest your retirement savings
• withdraw your retirement savings
• learn about taxes and how they affect your retirement income

INVESTING IN A VOLATILE MARKET

This seminar will help you to:
• react to market fluctuations
• know when and what to act on when the market moves
• remember positive opportunities during downward movements
• learn about other factors that affect your wealth-building

Both seminars are open to the Falmouth Community. Reservations are required. To make a reservation, please visit the TIAA-CREF website at www.tiaa-cref.org/moc or call 800-842-2733, ext. 7019.

Contact Linda Snow x7122 if you have any questions.

Important Benefits Phone Numbers and Web Sites

Are you missing a health or dental card? Are you looking for a new physician or dentist? Do you need to check the cost of a prescription drug? Would you like to update your beneficiary information on your life insurance plans? Are you searching for a daycare provider? Do you or a family member need counseling support for a drug or alcohol problem? Do you need an insurance quote?

Here are the numbers and websites you need:

<table>
<thead>
<tr>
<th>Service</th>
<th>Phone/Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Cross Blue Shield</td>
<td><a href="http://www.BCBSMA.com">www.BCBSMA.com</a></td>
</tr>
<tr>
<td>Customer Service</td>
<td>1-800-241-0803</td>
</tr>
<tr>
<td>Delta Dental</td>
<td><a href="http://www.deltadental.com">www.deltadental.com</a></td>
</tr>
<tr>
<td>Customer Service</td>
<td>1-800-872-0500</td>
</tr>
<tr>
<td>Unum</td>
<td><a href="http://www.Unum.com">www.Unum.com</a></td>
</tr>
<tr>
<td>Life and Long Term Disability Insurance</td>
<td>For life insurance beneficiary changes see Human Resources</td>
</tr>
<tr>
<td>TIAA-CREF</td>
<td><a href="http://www.tiaa-cref.org">www.tiaa-cref.org</a></td>
</tr>
<tr>
<td>Retirement and supplemental retirement plans</td>
<td>1-800-854-1446</td>
</tr>
<tr>
<td>Telephone Counseling Center</td>
<td>1-800-842-2776</td>
</tr>
<tr>
<td>Gosnold-Counseling Center</td>
<td>1-800-649-8115</td>
</tr>
<tr>
<td>Met Life</td>
<td><a href="http://www.metpay.com">www.metpay.com</a></td>
</tr>
<tr>
<td>Group Auto and Home Insurance</td>
<td>1-800-GET-MET8</td>
</tr>
</tbody>
</table>

New Employees

Please welcome the following new employees:

Erica Corson, Research Assistant, Bay Paul Center
Martha Delaney, Research Assistant, MRC
Jennifer Hsieh, Research Assistant, Bay Paul Center
Joshua Herbeck, Post-doctoral Scientist, Bay Paul Center
Scott Lindell, Aquaculture Research Associate, MRC
Jenny Lusk-Yablack, Research Assistant, MRC
Samantha Mansfield, Web Editor/Designer, Communications
Linda McCauley, Research Assistant, MRC
Yuriko Yano, Post-doctoral Scientist, The Ecosystems Center

An Important Message from the MBL's Equal Employment Opportunity Coordinator

Mandatory Substance Abuse Workshop to be Held in October

Are you or someone you know having a problem with drugs or alcohol? Is that someone a coworker or a family member? In October, the MBL’s EEO office will be focusing on maintaining a drug-free workplace.

The MBL is concerned about the health and safety of all employees. Employees who are not caught up in the cycle of drug abuse can form better relationships with their co-workers and work together as a team. Employees who do not have to worry about drug-dependent family members are better able to come to work each day and perform their jobs. This is why the U.S. Government passed the Drug-Free Workplace Act of 1988, which requires that recipients of federal grants or contracts make every effort to maintain a drug-free workplace.

We can maintain a drug-free workplace by increasing employee awareness about the dangers of drug abuse. Therefore, in October, our employee-assistance-program provider, ROI Associates, will run a workshop on the “Dangers of Drug Abuse in the Workplace.” Because MBL is a recipient of federal grants, this training is mandatory for all employees. It will be offered on two separate occasions to employees and once, to supervisors.

The first session for employees will be held on Tuesday, October 22, from 10:30 to 11:30 AM, in Whitman Auditorium; the second session will be held on Wednesday, October 30, from 1:30 to 2:30 PM, in Whitman Auditorium. The workshop for supervisors will be held as part of the Staff Council Meeting on Wednesday, October 30, at 9:00 AM.

You may think this training is unnecessary, and I hope, in your case, that’s true, since drug addiction can be a very debilitating condition. However, I need to certify your attendance at this workshop to insure your awareness of MBL’s drug-free workplace policy and your knowledge of the resources available to those who need help. I believe this program can provide each of us with a better understanding of the seriousness of drug and alcohol dependency in the workplace and how it can be prevented.

— Jane MacNeil

eeo@mbl.edu

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— Jane MacNeil
eeo@mbl.edu
October 2002 Calendar

Wednesday, October 2
BUMP/MBL Seminar Series
“A model of the sensory world of larval reef fishes”
Jelle Atema, BUMP
Candle House 104/105, Noon

Tuesday, October 8
NLM/MBL Course
“Article Alerting Services”
Lillie 103, 12:00-1:00 PM
To register, please contact Jean Monahan, jmonahan@mbl.edu or x7341.

Wednesday, October 9
BUMP/MBL Seminar Series
TBA
Cathy Bevier, Colby College
Lillie Auditorium, Noon

Friday, October 11
SES Distinguished Scientist Seminar Series
“The microbial connection in terrestrial ecosystem function”
Mary Freestone, University of California, Berkeley
Lillie Auditorium, 3:00 PM

Monday, October 14
MBL Holiday – Columbus Day

Tuesday, October 15
NLM/MBL Course
“Locating Health Science Information”
Lillie 103, 12:00-1:00 PM
To register, please contact Jean Monahan, jmonahan@mbl.edu or x7341.

Wednesday, October 16
BUMP/MBL Seminar Series
“A. palmata: The endangered giant of the Caribbean”
Lillie Auditorium, Noon

Friday, October 18
SES Distinguished Scientist Seminar Series
“Global alteration of river quality at the anthropocene”
Michel Meybeck, University of Paris
Lillie Auditorium, 3:00 PM

Wednesday, October 23
BUMP/MBL Seminar Series
TBA
John Finnerty, Boston University
Candle House 105, Noon

Friday, October 25
SES Distinguished Scientist Seminar Series
“The effects of biodiversity on ecosystem functioning”
Osvaldo Sala, University of Buenos Aires
Lillie Auditorium, 3:00 PM

Tuesday, October 29
NLM/MBL Course
“Introduction to PHP”
Lillie 103, 12:00-1:00 PM
To register, please contact Jean Monahan, jmonahan@mbl.edu or x7341.

Wednesday, October 30
BUMP/MBL Seminar Series
TBA
Sarah Cohen, Harvard University
Whitman Auditorium, Noon

Congratulations to the 2002 Photography/Photomicrography Contest Winners!

GRAND PRIZE OVERALL
“Invasion Pores and Membrane”
Umit Ali Kayisli, Yale University

Scientific Imaging:

FIRST PRIZE:
“Developing Central Nervous System of Limulus polyphemus”
Beate Mittmann, Institut für Biologie, Berlin

SECOND PRIZE:
“Zebrafish Cardiovascular System”
Jonathan Muyskens, University of Oregon, Institute of Neuroscience

THIRD PRIZE:
“Pancreatic Islet”
Jakob Wikström, Biocurrents Research Center

HONORABLE MENTION:
“Bacterial Clusters”
Koty Sharp, University of California, San Diego

“Vestibular Spinal Neurons in the Goldfish Brain”
Steven Zottoli, Williams College

MBL-at-Large Category

FIRST PRIZE:
“Belly of the Beast”
Mara Conrad, Hunter College

SECOND PRIZE:
“Seawater on Tap”
Andrew Barry, MBL Community Member

THIRD PRIZE:
“Squid Grid”
Herb Luther, MBL

HONORABLE MENTION:
“Dogfish Foam”
Andrew Barry, MBL Community Member

“Future Marine Models”
JoAnna DeNobile, Irina Chaikhoudinov, Lydia Louis, Hunter College

October Meetings and Courses

9/29-10/1, Tufts Physiology Retreat
9/29-10/6, Medical Informatics Course
10/1-10/3, UMass Joint Basic Sciences Retreat
10/3-10/5, Tufts Molecular Cardiology Research Institute
10/6-11/2, Advances in Genomic Technology and Bioinformatics Course
10/10-10/19, Optical Microscopy Course
10/13-10/19, Groundwork, Inc.
10/20-10/25, Zeiss
10/27-11/3, RUNN (Review and Update of Neuroscience for Neurosurgeons)