seek

teach

communicate

benefit

SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO

ANNUAL REPORT

2009-2010

Printed on FSC Certified paper with vegetable oil-based inks.

10/2010.2

SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO
To seek, teach, and communicate scientific understanding of the oceans, atmosphere, and Earth for the benefit of society and the environment.

THE SCRIPPS MISSION:

The year 2009-10 has been an eventful one for SCRIPPS INSTITUTION OF OCEANOGRAPHY AT UC SAN DIEGO and its partner institutions. Our oceanography colleagues in Concepción, Chile, bounced back from a massive 8.8 earthquake, just weeks after Haiti, which left their field station destroyed and a vessel high and dry. Scripps’ R/V Melville, safely at sea 55 miles from the epicenter with a dozen of our colleagues from Chile on board, was rapidly rerouted to study fresh undersea formations. The Gulf of Mexico was inundated by a massive oil leak, and Scripps rushed people and equipment—from undersea gliders to acoustic detectors for sperm whales—to support colleagues in gulf states. Closer to home, our loyal staff and scientists encountered 4-10% reductions in pay through furloughs as the State of California suffered its own economic disasters.

Against this backdrop, Scripps recorded a banner year. We recruited three outstanding early-career professors, many postdoctoral fellows, including three paid on institutional funds, and numerous graduate students. The Scripps campus saw the start of two new laboratory buildings and the renovation of four existing lab buildings to provide first-class facilities for our first-class scientists and NOAA partners. Despite decreased support from the state, our contract and grant awards exceeded $157 million, due in part—but by no means solely—to continued success in winning American Recovery and Reinvestment Act “stimulus” funding. For the first time in its 49-year history, Scripps’ “spin-off” parent university, UC San Diego, surpassed $1 billion in annual research funding. And speaking of spin-offs, two new companies took flight by licensing Scripps intellectual property from UCSD, due to the efforts of Scripps’ business friends and advisers. This is just the beginning of our steady and cautious business development effort.

The U.S. Navy awarded a new research vessel to Scripps after a very tough competitive process. Currently labeled AGOR 28, the new vessel will soon begin construction, and be named by the Secretary of the Navy. This modern addition to the Scripps research fleet will renew another era of exploration of the oceans, atmosphere, and solid earth, building upon the institution’s distinguished 107-year history of oceangoing science.

I am thankful—but no longer surprised—that as conditions get even more challenging, the Scripps community delivers with ever more creativity and excellence. Never have our stakeholders valued more the work we do for the environment, and indeed our ability to understand the natural world and the disasters that sometimes accompany it. I thank you all for your energy, your good humor, and your commitment to excellence.

Tony Haymet
Director
Scripps Institution of Oceanography
University of California, San Diego

COVER PHOTO: Students from Compton High School experience research at sea during a cruise aboard Scripps’ R/V Sproul on July 17, 2010. The day-long cruise was a featured element of “Focus on the Future: The Compton - UC San Diego Connection,” a specially designed set of activities based at Scripps and coordinated with UC San Diego Extension’s Academic Connections program.
SLICK THINKING

From activating high-frequency radar units to listening to the calls of sperm whales in the vicinity of a broken Gulf of Mexico wellhead, researchers at Scripps Institution of Oceanography continue to be tapped to assess the largest environmental disaster in U.S. history.

In response to the Deepwater Horizon catastrophe, Scripps scientists sent a Spray glider to the gulf in an attempt to assess the dimensions of the mass of leaking oil spreading in the gulf’s water column. Researchers outfitted the glider with a fluorometer and an acoustic doppler profiler to image the dispersed oil.

Scientists in the Scripps Whale Acoustic Lab deployed five instruments near the Deepwater Horizon well to capture marine animal sounds. The Scripps-developed, high-frequency acoustic recording package (HARP) is recording the sounds in an effort to document if dolphins and whales are present in the surface area of the oil slick, a region known for its population of sperm whales. Scripps researchers augmented the study with mobile searches for sperm whales using a hydrophone array deployed from a NOAA vessel in the gulf. The lab will analyze the HARP data.

FOCUS ON DIVERSITY

In response to a challenging diversity climate across the UC San Diego campus recently, Scripps students, scientists, and staff rallied to create an opportunity for progress. Their passion spurred important conversations and led to the development of a new education program between UC San Diego/Scripps and Compton High School students launched this summer. Twenty students from Compton High School participated in a hands-on, three-week summer program called “Focus on the Future: The Compton - UC San Diego Connection.” The curriculum offered a specially designed set of Scripps activities including a rare opportunity to spend a day at sea on a science research vessel, visits to Scripps labs, tours of Scripps aquariums and collections, and lessons about vital environmental research topics. Focus on the Future is another program that is part of UC San Diego’s ongoing efforts to increase the diversity of its student body, faculty, and staff.

FRESH FACULTY FACES

Scripps Institution of Oceanography welcomed three talented new faculty members this year: Dave Stegman, Jennifer MacKinnon, and Amro Hamdoun. Their diverse research interests span the wide scope of Scripps science, including studies of plate tectonics, physical oceanography, and marine biology. Scripps remains committed to bolstering the institution’s academic ranks and fostering interdisciplinary research.

Left to right. New Scripps faculty members Dave Stegman, Jennifer MacKinnon, and Amro Hamdoun
In 2009-10, thanks to the generosity of our donors, Scripps Institution of Oceanography received $8,273,378 in private support. We are grateful for the continued contributions of our supporters during a year of economic uncertainties.

One of the philanthropic highlights of the year was the second Roger Revelle Prize celebration on October 23. His Serene Highness Prince Albert II of Monaco was honored for promoting scientific research of the environment on a global scale. The dinner that evening generated more than $135,000 in net proceeds to benefit the Roger Revelle Leadership Fund to recruit and retain the most outstanding students, faculty, and researchers to Scripps. The Helen K. and James S. Copley Foundation was the lead sponsor, donating $100,000.

Scripps again received strong support for research during the past year. The G. Unger Vetlesen Foundation continued its long-term support for global change research with a grant of $700,000. The Walton Family Foundation awarded a grant of $478,428 to underwrite research in the Gulf of California. The WWW Foundation (Rhodes Families) made a grant of $200,000 to fund several research projects. The Educational Foundation of America awarded a grant of $180,000 to fund research in ocean acidification. Longtime Scripps supporters, the late Maurice and Charmaine Kaplan, provided $374,400 through their estate.

Scripps continues to make support for graduate students a top fundraising priority. The Los Angeles Chapter of the ARCS Foundation is dedicated to supporting students in science and medicine, and it has given Scripps students almost $1.5 million in fellowships since 1964. Funding for deserving and talented students is a crucial part of Scripps' mission to train the next generation of scientific leaders, and Scripps is actively participating in the Invent the Future campaign at UC San Diego.

Unrestricted income from the E.W. Scripps Associates grew 34 percent this past year to $190,326. E.W. Scripps Associates give $1,000 or more on an annual basis, and they participate in quarterly behind-the-scenes events where they interact with scientists and students.
In 2010-2011, UC San Diego celebrates its 50th anniversary, commemorating a half-century of research, education, and service that achieves the extraordinary in our own backyard, across the nation, and around the globe. Scripps Institution of Oceanography is proud to be part of UC San Diego’s founding, which was spearheaded by former Scripps Director Roger Revelle. A visionary Revelle had one criterion for the new campus: “It must be distinctive.”

Scripps is profoundly grateful to the generous individuals, foundations, and companies that made a direct investment in our efforts this year.

Private Support in Fiscal Year 2009-2010

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
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<tr>
<td>Birch Aquarium at Scripps</td>
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<tr>
<td>Department Support</td>
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<tr>
<td>Discretionary</td>
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<td>Fellowships/Student Support</td>
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<tr>
<td>Instruction</td>
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<tr>
<td>Research</td>
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<tr>
<td>Robert Paine Scripps Forum for Science,</td>
<td>$558,500</td>
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<tr>
<td>Society and the Environment</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$8,273,378</strong></td>
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Above amounts reflect booked gifts, grants, and pledge payments.

Scripps Oceanography Endowment

(market value as of June 30, 2010)

<table>
<thead>
<tr>
<th>Endowment</th>
<th>Amount</th>
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<tr>
<td>UC San Diego Foundation Endowments</td>
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<tr>
<td>UC Regents Endowments</td>
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<tr>
<td><strong>TOTAL Endowments</strong></td>
<td><strong>$53,152,088</strong></td>
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</tbody>
</table>

Above, His Serene Highness Prince Albert II of Monaco (left) and Scripps Director Tony Haymet. The Prince visited Scripps on October 23 to receive the Roger Revelle Prize for his efforts to support and communicate scientific research and protection of the environment on a global scale.

Opposite page, A $10 million naming opportunity for Scripps Institution of Oceanography's new Marine Ecosystem Sensing, Observation and Modeling (MESOM) Laboratory is a major fund-raising priority for the institution. The building will be utilized for research on marine ecosystem forecasting. Construction is scheduled to begin in early 2011 and be completed by late 2012.

Powerful Support for Birch Aquarium at Scripps

The Sempra Energy Foundation made a pledge totaling $600,000 to Birch Aquarium at Scripps to underwrite the Boundless Energy exhibit, which opens in summer 2011, and education programs using the exhibit, to start in the fall. Boundless Energy will explore the ways we as a society can invent our way to a new era of clean, renewable energy—using sun, wind, and ocean—and meet the need for power that supports our way of life while protecting the health of people and our planet.

UCSD’s Golden Year

In 2010-2011, UC San Diego celebrates its 50th anniversary, commemorating a half-century of research, education, and service that achieves the extraordinary in our own backyard, across the nation, and around the globe. Scripps Institution of Oceanography is proud to be part of UC San Diego’s founding, which was spearheaded by former Scripps Director Roger Revelle. A visionary Revelle had one criterion for the new campus: “It must be distinctive.”
From July 1, 2009 to June 30, 2010

**FEDERAL, STATE, AND CITY/COUNTY AGENCIES**

**FEDERAL**

- Commerce, Department of
  - National Institute of Standards and Technology
- Defense, Department of
  - Air Force Office of Scientific Research
  - Air Force Research Laboratory
  - Army Space and Missile Defense Command
  - National Geospatial-Intelligence Agency
- Miscellaneous Air Force Bases and Agencies
- Energy, Department of
  - Department of Energy, Chicago
  - Department of Energy, Golden Field
  - Department of Energy, Washington, D.C.
  - Miscellaneous Programs and Offices
- Health and Human Services, Department of
  - John Fogarty International Center
  - National Cancer Institute
- National Eye Institute
- National Human Genome Research Institute
- National Institute of Allergy and Infectious Diseases
- National Institute of Child Health and Human Development
  - National Institute of General Medical Sciences
  - National Institute of Neurological Disorders and Stroke
- International Government
  - Germany, Government of
    - US-Israel Binational Science Foundation
- Navy, Department of
  - Naval Research Laboratory
  - Office of Naval Research
- Space and Naval Warfare Systems Command
- Miscellaneous Bases and Agencies
- National Aeronautics and Space Administration
  - Goddard Space Flight Center
  - NASA headquarters
  - Shared Services Center
- National Science Foundation
- Other Federal
  - USDA Cooperative State Research
  - USDA Forest Service
  - USDA/Miscellaneous Agencies
  - USDI Bureau of Reclamation
  - USDI Geological Survey
  - USDI Minerals Management Service

**STATE OF CALIFORNIA**

- Boating and Waterways, Department of
  - California Coastal Conservancy
- California Transportation Commission
- Department of Fish and Game
- Department of Water Resources
- Energy Resources, Conservation Development Commission
- EPA Air Resources Board
- Miscellaneous Agencies

**CITIES AND COUNTIES**

- City of San Diego
- San Diego Association of Governments

**PRIVATE SUPPORT**

**$1,000,000+**

- Consortium for Ocean Leadership
  - Incorporated Research Institutions for Seismology (IRIS)
  - Revelle Family
  - Woods Hole Oceanographic Institution

**$500,000-$999,999**

- British Petroleum Group
- Fugro
- Sempra Energy Foundation
- Alfred P. Sloan Foundation
- Trius Therapeutics
- UMaine
- U. Okin Vellesen Foundation

**$250,000-$499,999**

- Chevron Corporation
- Gas Technology Institute
- Greenpeace Sciences
- Information Systems Laboratories
- Jet Propulsion Laboratory
- Kaplan Family Trust
- Walton Family Foundation
- WWF Foundation and the Rhodes Families

**$100,000 – $249,999**

- Helen K. & James S. Copley Foundation
  - The Educational Foundation of America
  - Henry Ford Health Systems
  - Alan and Jane Lehman Foundation at the recommendation of Ellen Lehman and Charles E. Kenkel
  - Life Sciences Research Foundation
  - Cynthia and George F. Mitchell
  - Betty and Gordon Moore
  - The Ocean Foundation
  - Christy and Ed Scripps, Jr.
  - Kathyrn and William H. Scripps
  - Robert Scripps
  - SHS Foundation
  - Statoil

**$50,000 – $99,999**

- Alexander Foundation
- Jennifer and Gregory Alexander
- ARCS Foundation, Inc. - Los Angeles Chapter
- Conoco Phillips
- Patricia and Richard M. Elkus
- Cecil H. and Ida M. Green Foundation
  - For Earth Sciences
  - The Greenerer Foundation
  - Devendra Lal
  - Marine Biological Laboratory
  - Mateo-France
  - Moore Family Foundation
  - Nature Conservancy
  - North Pacific Research Board
  - North Slope Borough
  - Jane and Arthur Riggs
  - The San Diego Foundation

**$10,000 – $49,999**

- Anonymous
  - Air Products & Chemicals, Inc.
  - Aker Group
  - Anadarko Petroleum
  - Elaine P. Antonik
  - The BAWD Foundation
  - The Bayster Family Foundation
  - BGP International
  - BHP Billiton
  - Stephen and Mary Birch Foundation
  - Black Gold Energy LLC
  - Brenda and Jeffrey R. Bohn
  - Keith Campbell Foundation for the Environment
  - Edward Carson
  - Tsui-Hwa J. Chow Trust
  - Commonwealth Scientific and Industrial Research Organisation (CSIRO) (Australia)
  - N. Spencer Dennis, Jr.
  - Det Norske Oljeselskap ASA
  - Discover Petroleum
  - Dow AgroSciences
  - Eloise S. and Russell E. Duff
  - Electromagnetic Geoservices SA
  - Seabed Logging Company (Norway)
  - Cynthia and Craig Emmerson
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  - Stuart Goldberg
  - Stuart Goode
  - Zandra Rhodes and Sahle Hassanein
  - Idemitsu Petroleum Morge AS
  - International Community Foundation
  - International Geosphere-Biosphere (IGBP)
  - Dogane and James D. Jamison
  - Japan Aerospace Exploration Agency
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  - Kris and James McMillen
  - Monterey Bay Aquarium Research Institute
  - The San Diego Foundation
  - Dr. Suess Fund
  - Betty Knight Scripps
  - Diane and Joseph Steinberg

**anon**

-Anonymous

**$5,000 – $9,999**

- Brown Foundation
  - Code Blue Charitable Foundation Inc.
  - Conservation, Research and Education Opportunities
  - Crook Foundation
  - Lynn and Charles Gaylord, Jr.
  - The Grosvenor Foundation
  - Los Angeles County}
- Henry Cardinal
- Waste Management
- Washington, D.C.
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-Anonymous

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  - Lynn and Charles Gaylord, Jr.
  - The Grosvenor Foundation
  - Los Angeles County
  - W. Ogden Foundation
  - Robert A.燥.
We have made every effort to ensure that this information is accurate, however we would appreciate notification of any changes. Please call the Scripps Development Office at (858) 822-1865 to notify us of your changes.
### Statement of Activity

#### Revenue

<table>
<thead>
<tr>
<th>Source</th>
<th>FY 08-09</th>
<th>FY 09-10</th>
<th>UNRESTRICTED</th>
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</thead>
<tbody>
<tr>
<td>Sponsored Research (expenditure in period, not awarded)</td>
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<td>126,546,971</td>
<td>126,546,971</td>
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<td>1. Government - Federal</td>
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<td>114,005,718</td>
<td>114,005,718</td>
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<tr>
<td>National Science Foundation</td>
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<td>36,673,107</td>
<td>36,673,107</td>
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<tr>
<td>Department of the Navy</td>
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<td>National Aeronautics and Space Administration</td>
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<td>3,696,559</td>
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<td>National Oceanic and Atmospheric Administration</td>
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<td>16,948,428</td>
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<td>Other Department of Defense Agencies</td>
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<td>1,103,293</td>
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<td>Other Federal Departments</td>
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<td>3,057,768</td>
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<tr>
<td>Federal flow thru</td>
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<td>ARRA - Federal</td>
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<td>Intercampus Sponsored Research</td>
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<td>Government - Local</td>
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<td>Private Contracts</td>
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#### University of California Support

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<tr>
<td>2. General Funds from the State that flow through UCSD</td>
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<td>Student Fees</td>
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<td>17,068,264</td>
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<td>Allocation of Benefits for UCSD FTE's</td>
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<td>ICR Allocation from Prior Yr F&amp;A fees from UCSD</td>
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<td>7,577,500</td>
<td>760,844</td>
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#### Earned Revenue

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<th>FY 08-09</th>
<th>FY 09-10</th>
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</thead>
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<tr>
<td>3. Birch Aquarium at Scripps (BAS) excluding recharge revenue</td>
<td>7,494,823</td>
<td>8,146,087</td>
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<tr>
<td>Recharge Unit Revenues</td>
<td>3,523,429</td>
<td>3,983,737</td>
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<tr>
<td>Intellectual Property &amp; Royalty Income</td>
<td>3,653,093</td>
<td>3,265,079</td>
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<tr>
<td>Other Revenue</td>
<td>277,069</td>
<td>886,520</td>
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#### Private Gifts and Grants

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<th>Source</th>
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<tr>
<td>4. Private Gifts</td>
<td>5,571,622</td>
<td>5,950,131</td>
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<tr>
<td>Private Grants</td>
<td>3,018,018</td>
<td>4,873,856</td>
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#### Interest Income

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<tr>
<td>5. Interest Income</td>
<td>2,090,399</td>
<td>1,920,633</td>
</tr>
<tr>
<td>Endowment Yields</td>
<td>395,779</td>
<td>123,506</td>
</tr>
<tr>
<td>Support Services</td>
<td>1,660,920</td>
<td>717,127</td>
</tr>
</tbody>
</table>

#### Total Revenue

<table>
<thead>
<tr>
<th>FY 08-09</th>
<th>FY 09-10</th>
<th>UNRESTRICTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>164,748,697</td>
<td>170,801,082</td>
<td>139,610,082</td>
</tr>
</tbody>
</table>

#### Expenses

<table>
<thead>
<tr>
<th>Source</th>
<th>FY 08-09</th>
<th>FY 09-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Programs - SEEX (see footnote 6 &amp; 7 &amp; 8)</td>
<td>143,343,276</td>
<td>151,182,957</td>
</tr>
<tr>
<td>Instruction Programs - TEACH (see footnote 9)</td>
<td>7,143,854</td>
<td>8,313,392</td>
</tr>
<tr>
<td>Outreach - COMMUNICATE</td>
<td>5,778,847</td>
<td>6,123,684</td>
</tr>
<tr>
<td>3. Birch Aquarium at Scripps (BAS)</td>
<td>5,183,046</td>
<td>5,508,119</td>
</tr>
<tr>
<td>Communications &amp; Publications</td>
<td>595,801</td>
<td>523,589</td>
</tr>
<tr>
<td>Diversity (New category in FY 09-10)</td>
<td>41,232</td>
<td>10,751</td>
</tr>
</tbody>
</table>

#### Institutional Support

<table>
<thead>
<tr>
<th>Source</th>
<th>FY 08-09</th>
<th>FY 09-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. Director’s Office</td>
<td>5,016,526</td>
<td>6,159,379</td>
</tr>
<tr>
<td>11. Development - Direct Costs</td>
<td>643,094</td>
<td>493,687</td>
</tr>
<tr>
<td>Maintenance/Operations of Rental Facilities &amp; Special Events</td>
<td>365,039</td>
<td>375,418</td>
</tr>
<tr>
<td>12. Director’s Office</td>
<td>1,065,139</td>
<td>1,099,992</td>
</tr>
<tr>
<td>13. Academic and Research Investments</td>
<td>479,333</td>
<td>248,042</td>
</tr>
<tr>
<td>14. Facility Expenses</td>
<td>1,307,635</td>
<td>1,940,650</td>
</tr>
<tr>
<td>15. Support Services</td>
<td>584,174</td>
<td>788,332</td>
</tr>
</tbody>
</table>

#### Total Expenses (see note 2)

<table>
<thead>
<tr>
<th>FY 08-09</th>
<th>FY 09-10</th>
<th>UNRESTRICTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>162,082,503</td>
<td>171,779,412</td>
<td></td>
</tr>
</tbody>
</table>

#### Total (Net) (see note 4)

<table>
<thead>
<tr>
<th>FY 08-09</th>
<th>FY 09-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,666,124</td>
<td>(978,330)</td>
</tr>
</tbody>
</table>

---

1. The American Recovery and Reinvestment Act (ARRA) was enacted to support sponsored research over a three to five year period. During FY 09/10, ARRA funds totaled $5.3BN (4% of total sponsored research expenditures).
2. UC Support was reduced by budget cuts and transfers: $1.4BN temporary cut offset by furlough reductions. 5% permanent cut. $2BN transferred to plant funds to cover major renovations.
3. Like most universities, Birch Aquarium at Scripps generates only a portion of its revenue through fees it charges to the public (72%). The balance of its operations is supported through restricted private gifts and endowment yields.
4. Private Gift revenue includes gifts received and available for spending in UC Reports funds in the current year. It does not include Development activity resulting in bequests, pledges, or contributions to endowments, funds acting as endowments, or plant funds for capital projects.
5. The Short Term Investment Fund interest reported here is net of transfers of SIP to plant accounts where the funds are captured as assets until expended.
6. Research programs include all research units, the Marine Science Development Center, Analytical Facility, Scrips Oceanographic Collections, Contracts and Grants Administration, and Business Development.
7. USCD financial schedules include overhead generated from sponsored research activities. Scrips includes overhead in this financial statement to improve comparability of Scrips to other research institutions.
8. Ship operations account for 17% of total Scrips expenses. Most of these expenses involve NSF and Navy contracts.
9. Instruction Programs reflect Scrips Department graduates and undergraduate programs including student fellowships and new faculty startup.
10. Director’s Office includes the Vice Chancellor Marine Sciences and his staff, Academic Affairs, and Government Relations.
11. Total Development costs are shared between Scrips and UCSD Development. Only Scrips portion is reflected on this statement.
12. The Director’s Business Office includes the Assistant Vice Chancellor, administrative, human resources, and financial staff.
13. Academic and Research Investments include recruitment renovations, institution wide assessments, and the Center for Earth Observations and Applications.
14. To determine total facilities costs, amounts transferred by Scrips to UCSD Facilities Design and Construction or Physical Plant Services and subsequently spent on large capital improvement projects should be added. Additionally, renovations to facilities to accommodate the needs of new faculty and research tiers (reflects on Academic and Research Investments) should also be added. In 2009/10, total facilities expenses were approximately $450M.
15. Support Services include purchasing, computer systems, safety, dive operations, and the USCD Engineering.
16. The net carry forward balance in 2009/10 reflects a reduction in carryforward balances created by expenditures on infrastructure improvements and ship repairs. Also, budget cuts in UC Support and the reduction of interest income to USCD purposes lead to increased expenditures of carryforward balances of interest income and other funds.

**Note:** This statement does not purport to present all annual expenditures associated with operating the institution. Many services provided by campus departments outside Scrips are not reflected in Scrips’ annual expenditures. Examples: building, parking lot, and road maintenance, utilities, computer utilities, custodial services, landscaping, grounds, accounting, payroll and HR.
Scripps remains a world leader in ocean and earth sciences thanks to the tremendous talents of its students, faculty, and staff.

This year, scientists ranked Scripps among the top 40 U.S. institutions listed as “Best Places to Work in Academia” in The Scientist magazine.

Graduate Student Statistics
At Scripps, training the next generation of global ocean and earth science leaders remains as important as ever.

Fall 2009 Enrollment
Male: 125
Female: 117
Total: 242

Field of Study/Number of Students
Applied Ocean Sciences: 24
Biological Oceanography: 42
Climate Science: 25
Geophysics: 25
Geological Science: 27
Marine Biology: 47
Marine Chemistry/Geochemistry: 25
Physical Oceanography: 25
Masters: 2

Undergraduate Education
Scripps’ education mission extends to all UC San Diego undergraduate students. Scripps offers more than 45 undergraduate courses and seminars, all taught by Scripps’ top faculty and researchers. Course enrollments have continued to increase steadily – more than 1,700 UCSD students enrolled in courses offered by Scripps this year. Undergraduate course offerings continue to expand and diversify, including new upper division courses in climate change science and a laboratory course in marine biology. More students are opting for the Earth Sciences major and Marine Science minor at Scripps as they prepare for careers in oceanography, earth sciences, and environmental fields. This year, more than 50 undergraduates were involved in research projects at Scripps. Working side-by-side with researchers, students can explore their interests, develop an appreciation for the on-going collaborative process of research, and build skills for the future.
Ship Shape

Ushering in the next era of ocean exploration, the U.S. Navy selected Scripps Institution of Oceanography as the operator of a new scientific research vessel. The yet-to-be-designed, built, and named ship will be an “Ocean Class” vessel, a new breed of research ship.

The ship will lead a range of ocean expeditions that will advance science and education in the decades ahead. The new ship also will further scientific knowledge imperative to the Navy and national security.

This modern addition to the Scripps fleet will be able to operate continuously for up to 40 days at sea, a duration that will enable the ship to travel across any ocean on Earth.

The new Ocean Class vessels are intended to be reliable, cost-effective, and flexible ships that have many of the capabilities of larger and more expensive Global Class vessels. The new ship will flexibly support interdisciplinary research, educational missions, and engineering operations.
200+ acres
74 buildings
850,000 gross sq. ft.
4 key locations:
Mt. Soledad Laboratories, La Jolla
Scripps Main Campus, La Jolla
(and Scripps Coastal Reserve)
Nimitz Marine Facility, Point Loma
Elliott Field Station, Scripps Ranch