

# PERSONNEL *July 1, 2005-June 30, 2006*

## Carnegie Administration

Sharon Bassin, *Assistant to the President/ Assistant Secretary to the Board*  
 Gloria Brienza, *Budget and Management Analysis Manager*  
 Don Brooks, *Building Maintenance Specialist*  
 Marjorie Burger, *Financial Accountant*  
 Cady Canapp, *Human Resources and Insurance Manager*  
 Ellen Carpenter, *Public Events and Publications Coordinator*  
 Heather Davis, *Financial Accountant*<sup>1</sup>  
 Linda Feinberg, *Manager of External Affairs*  
 Susanne Garvey, *Director of External Affairs*  
 Claire Hardy, *Database and Communications Coordinator*<sup>2</sup>  
 Darla Keefer, *Special Assistant for Administration and Building Operations*  
 Ann Keyes, *Payroll Coordinator*  
 George Gary Kowalczyk, *Director of Administration and Finance*<sup>3</sup>  
 Jeffrey Lightfield, *Deputy to the Financial Manager*<sup>4</sup>  
 John Lively, *Director of Administration and Finance*<sup>5</sup>  
 Rhoda Mathias, *Secretary to the President*  
 Tina McDowell, *Editor and Publications Officer*  
 Benjamin McWhorter, *Database Support*<sup>6</sup>  
 Richard Meserve, *President*  
 June Napoco-Soriente, *Financial Accountant*<sup>7</sup>  
 Trong Nguyen, *Financial Accountant*  
 Michael Pimenov, *Endowment Manager*  
 Arnold Pryor, *Facilities Coordinator*  
 Gotthard Sági-Szabó, *Chief Information Officer*  
 Christine Smith, *Chief Advancement Officer*<sup>8</sup>  
 John Strom, *Web Manager*  
 Kris Sundback, *Financial Manager*  
 Mira Thompson, *Advancement Assistant*<sup>9</sup>  
 Vickie Tucker, *Administrative Coordinator/ Accounts Payable*  
 Yulonda White, *Human Resources and Insurance Records Coordinator*  
 Jacqueline Williams, *Assistant to Manager, Human Resources and Insurance*  
 Matthew Wright, *Science Writer and Publications Coordinator*<sup>10</sup>

<sup>1</sup>From May 8, 2006  
<sup>2</sup>To June 2, 2006  
<sup>3</sup>From February 21, 2006  
<sup>4</sup>To February 1, 2006  
<sup>5</sup>To January 31, 2006  
<sup>6</sup>From January 3, 2006  
<sup>7</sup>From April 10, 2006  
<sup>8</sup>From January 23, 2006  
<sup>9</sup>From June 19, 2006  
<sup>10</sup>From September 26, 2005

## Carnegie Academy for Science Education

Sarah Bax, *Mentor Teacher*<sup>1</sup>  
 John Buchanan, *Mentor Teacher*<sup>2</sup>  
 Derek Butts, *First Light Assistant*  
 Asonja Dorsey, *Mentor Teacher*<sup>1,2</sup>  
 VanNessa Duckett, *Mentor Teacher*<sup>1,2</sup>  
 Audrey Edmonds, *Intern*<sup>1,2</sup>  
 Julie Edmonds, *Codirector*  
 Ricky Gabray, *Intern*<sup>1,2</sup>  
 Joseph Geglia, *Intern*<sup>1,2</sup>  
 Anne Hemphill, *Mentor Teachers*<sup>1,2</sup>  
 Toby Horn, *Codirector*  
 Adedoyin Kalejaiye, *Intern*<sup>1</sup>  
 Loretta Kelly, *Mentor Teacher*<sup>1,2</sup>  
 Lynn Lahti-Hommeyer, *Mentor Teacher*<sup>1</sup>  
 Rebecca Lippy, *Intern*<sup>1</sup>  
 Fran McCrackin, *Mentor Teacher*<sup>1,2</sup>  
 Thomas Nassif, *Mentor Teacher*<sup>1,2</sup>  
 Maxine Singer, *Senior Scientific Advisor*  
 Shahza Somerville, *Summer Biotech Instructor*<sup>2</sup>  
 John Tatum, *Mentor Teacher*<sup>1</sup>  
 Annie Thompson, *Mentor Teacher*<sup>1,2</sup>  
 Latisha Whitley, *Intern*<sup>1,2</sup>  
 Haimanot Worku, *Intern*<sup>1</sup>

<sup>1</sup>Summer Institute 2005  
<sup>2</sup>Summer Institute 2006

## Embryology

### RESEARCH STAFF MEMBERS

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### STAFF ASSOCIATES

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 Jim Wilhelm  
 Judy Yanowitz

### POSTDOCTORAL FELLOWS AND ASSOCIATES

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 Michael Buszczak, *ACS Fellowship*  
 Liquan Cai, *NIH Grant (Brown)*  
 Anna Chan, *Howard Hughes Medical Institute Research Associate*<sup>5</sup>  
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**DEPARTMENT OF EMBRYOLOGY** First row (left to right): Marnie Halpern, Elcin Unal, Rejeanne Juste, Ella Jackson, Ellen Cammon, Glenese Johnson, Rosa Miyares, Karina Conkrite, Zehra Nizami, Jaya Kuchibhotla. Second row (left to right): Earl Potts, Joe Gall, David MacPherson, Mary Goll, Hongjuan Gao, Queenie Vong, Anna Chan, Stephanie Owen, Anastasia Krasnoperova, Zheng-an Wu, Yan Tan, Ji-Long Liu, Alex Bortvin. Third row (left to right): Wendy McKoy, Jeff Han, Michelle Macurak, Tara Hardiman, Sarah Clatterbuck, Katie Huang, Anna Allen, Tina Tootle, Robert DeRose, Liquan Cai, Kiran Santhakumar, Robyn Goodman, Eugenia Dikovskaia, Margaret Hoang, Courtney Akitake, Dolly Chin. Fourth row (left to right): Doug Koshland, Vinny Guacci, Carol Davenport, Lori Orosco, Lucy Morris, Allison Pinder, Ben Ohlstein, Rafael Villagaray, Ben Goodman, Shusheng Wang, Dianne Williams, Chen-ming Fan, Safia Malki, Christine Pratt. Fifth row (left to right): Andrew Skora, Steve Farber, Mahmud Siddiqi, Andrew Eifert, Melinda Campbell, Dan Gorelick, Alex Schreiber, Allan Spradling, Robert Levis, Jim Wilhelm. Sixth row (left to right): Nicole Gabriel, Yung-shu Kuan, Keeyana Singleton, Jill Heidinger, Judith Yanowitz, Michael Buszczak. Seventh row (left to right): Cynthia Wagner, Dean Calahan, Donald Brown, Cheng Xu, Sandeep Mukhi, Tom McDonough.

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<sup>1</sup>From January 1, 2006  
<sup>2</sup>From September 1, 2005  
<sup>3</sup>To September 16, 2005  
<sup>4</sup>From February 1, 2006  
<sup>5</sup>From July 1, 2005  
<sup>6</sup>To October 30, 2005  
<sup>7</sup>From June 6, 2006  
<sup>8</sup>From March 1, 2006  
<sup>9</sup>From April 1, 2006

<sup>10</sup>To March 20, 2006  
<sup>11</sup>To June 30, 2006  
<sup>12</sup>To February 1, 2006  
<sup>13</sup>From May 21, 2006  
<sup>14</sup>To February 21, 2006  
<sup>15</sup>From June 1, 2006  
<sup>16</sup>From May 11, 2006  
<sup>17</sup>To April 10, 2006  
<sup>18</sup>From April 26, 2006  
<sup>19</sup>From June 26, 2006  
<sup>20</sup>From October 1, 2005  
<sup>21</sup>To March 13, 2006  
<sup>22</sup>To August 10, 2005  
<sup>23</sup>To April 30, 2006  
<sup>24</sup>To January 31, 2006  
<sup>25</sup>From September 1, 2005  
<sup>26</sup>To June 30, 2006  
<sup>27</sup>To March 30, 2006

## Geophysical Laboratory

### RESEARCH STAFF MEMBERS

George D. Cody  
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 Jung-Fu Lin, *CDAC*  
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### SUMMER EDUCATION COORDINATOR AND RESEARCH SCIENTIST

Stephen A. Gramsch, *CDAC Manager*



**GEOPHYSICAL LABORATORY** Front row (left to right): Margie Imlay, Ho-kwang Mao, Douglas Rumble, III, George Cody, Bjørn Mysen, Russell Hemley, Wesley Huntress, Jr., Marilyn Fogel, Yingwei Fei, Robert Hazen, Ronald Cohen, Alexander Goncharov, Viktor Struzhkin. Second row (left to right): Andrey Bekker, Kenneth Esler, Maddury Somayazulu, Chang-Sheng Zha, Pablo Esparza, Susana Mysen, Yeny Marili, Morgan Phillips, Pedro Roa, Adelio Contreras, Jennifer Ciezak, Liwei Deng, Li Zhang, Shuhei Ono, Giles Maule, Shaun Hardy, Gotthard Sági-Szabó, Nicholas Platt. Third row (left to right): visitor, Trong Nguyen, Joseph Lai, Felix Krasnidki, Gary Bors, Alexander Smirnov, Chris Hadidiacos, Stephen Gramsch, Pierre Beck, Dean Presnall, Tim Jenkins, Jeff Lightfield, Angèle Ricolleau, Merri Wolf, Stephen Hodge, Matthew Schrenk, Alexander Kollias. Back row (left to right): Dominic Papineau, Yufei Meng, Chih-Shiue Yan, Jinfu Shu, Fabian Moscoso, Roy Dingus, Maceo Bacote, Steve Coley, Hikaru Yabuta, Bobbie Brown, Xianwei Sha, Jan Vorberger, James Cleaves.

**HIGH PRESSURE COLLABORATIVE ACCESS TEAM (HPCAT), ARGONNE NATIONAL LABORATORY, CHICAGO; AND BROOKHAVEN NATIONAL LABORATORY, UPTON, NY**

Arunkumar S. Bommannavar, *Beamline Control Scientist*  
 Paul Chow, *Beamline Scientist*  
 Yang Ding, *Research Scientist*  
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 Jingzhu Hu, *Beamline Scientist*<sup>7</sup>  
 Michael Y. Hu, *Beamline Scientist*  
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 Jing Liu, *GL and HPCAT Research Scholar*<sup>40</sup>  
 Haozhe Liu, *Research Scientist*  
 Zhen-Xian Liu, *Beamline Scientist*  
 Ho-kwang Mao, *Director*  
 Yue Meng, *Beamline Scientist*  
 Veronica O'Connor, *Office Manager*  
 Eric Rod, *Beamline Technician*  
 Guoyin Shen, *Project Manager*<sup>8</sup>  
 Jinfu Shu, *Research Technician*  
 Stanislav Sinogeikin, *Beamline Scientist*<sup>9</sup>  
 Maddury S. Somayazulu, *Beamline Scientist*<sup>10</sup>  
 Jian Xu, *Research Scientist*  
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 Andrey Bekker, *Carnegie Fellow*  
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 Alexandre Corgne, *Carnegie Fellow, NSF, and NASA Postdoctoral Associate*<sup>14</sup>  
 Olga Degtyareva, *Carnegie Fellow*<sup>15</sup>  
 Jennifer L. Eigenbrode, *NASA Astrobiology Institute Associate*  
 Marc Fries, *Carnegie Fellow and Postdoctoral Associate JPL, and NASA Astrobiology Institute Associate*  
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 Jennifer Jackson, *Carnegie Fellow*<sup>17</sup>  
 Steven Jacobsen, *Barbara McClintock Fellow, NSF*  
 Timothy Jenkins, *Postdoctoral Associate, DOE*  
 Shantanu Keshav, *Carnegie Fellow*<sup>18</sup>  
 Jung-Fu Lin, *Carnegie Fellow*  
 Giles Maule, *Postdoctoral Associate, NASA*  
 Penny L. Morrill, *Carnegie Fellow and NASA Astrobiology Institute Associate*<sup>19</sup>  
 Seth D. Newsome, *Postdoctoral Associate, NSF*<sup>20</sup>

Shuhei Ono, *Postdoctoral Associate, NASA*  
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 Sergey Tkachev, *Carnegie and CDAC*<sup>26</sup>  
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**PREDOCTORAL FELLOWS AND**

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#### RESEARCH INTERNS

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#### HIGH SCHOOL STUDENTS

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#### SUPPORTING STAFF

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 Gary A. Bors, *Building Engineer*<sup>34</sup>  
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 Claire Hardy, *Technical Secretary*<sup>49</sup>  
 Shaun J. Hardy, *Librarian*<sup>34</sup>  
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 Joseph Lai, *CVD Laboratory Scientist*<sup>38</sup>  
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 Paul Meeder, *Accounting Manager*<sup>41</sup>  
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 I. Ming Chou, *U.S. Geological Survey*  
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 Pamela G. Conrad, *Jet Propulsion Laboratory*  
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 Valentina Degtyareva, *Institute of Solid State Physics, Russian Academy of Sciences, Chernogolovka*  
 Lars Ehm, *SUNY, Stony Brook*  
 Mikhail Eremets, *Max Planck Institute for Chemistry, Mainz, Germany*  
 Joseph Feldman, *U.S. Naval Research Laboratory*  
 Timothy Filley, *Purdue University*  
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 Friedemann Freund, *NASA Ames Research Center*  
 Alexander Gavriluk, *Institute for High Pressure Physics, Troitsk, Russia*  
 Harry W. Green, *University of California, Riverside*<sup>34</sup>  
 Wojciech Grochala, *University of Warsaw, Poland*  
 Gudmundur H. Gudfinnsson, *University of Texas at Dallas*  
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 Jie Li, *University of Illinois, Urbana-Champaign*  
 Tianfu Li, *Chinese Academy of Geological Sciences*  
 Amy Y. Liu, *Georgetown University*  
 Haozhe Liu, *Institute of Physics, Chinese Academy of Sciences, Beijing*  
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 Yoshihide Ogasawara, *Waseda University, Japan*  
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 James A. Van Orman, *Case Western Reserve University*  
 Qingchen Wang, *Chinese Academy of Sciences, Guangzhou*  
 Wansheng Xiao, *Institute of Geochemistry, Chinese Academy of Sciences, Guangzhou*  
 Yukihiko Yoshimura, *National Defense Academy, Japan*  
 Hak Nan Yung, *Chinese Academy of Sciences, Guangzhou*  
 Xiaowei Zeng, *George Washington University*  
 Yi-Gang Zhang, *Academia Sinica, China*  
 Zeming Zhang, *Academia Sinica, China*  
 Guangtian Zou, *Center for Superhard Materials, Jilin University, Changchun, China*

<sup>1</sup>From July 1, 2005

<sup>2</sup>To September 15, 2005

<sup>3</sup>From July 1, 2005

<sup>4</sup>From March 1, 2006

<sup>5</sup>To August 31, 2005

<sup>6</sup>To October 31, 2005

<sup>7</sup>To August 31, 2005

<sup>8</sup>From September 1, 2005

<sup>9</sup>From January 16, 2006

<sup>10</sup>To June 30, 2005

<sup>11</sup>From December 15, 2005

<sup>12</sup>From January 9, 2006

<sup>13</sup>From October 21, 2005

<sup>14</sup>To December 19, 2005

<sup>15</sup>To January 15, 2006

<sup>16</sup>From April 1, 2006

<sup>17</sup>From October 24, 2005

<sup>18</sup>To January 4, 2006

<sup>19</sup>From August 1, 2005

<sup>20</sup>From April 1, 2006

<sup>21</sup>From December 1, 2005

<sup>22</sup>From January 15, 2006

<sup>23</sup>From October 1, 2005

<sup>24</sup>From April 1, 2006, to June 1, 2006

<sup>25</sup>From September 1, 2005

<sup>26</sup>From January 1, 2006

<sup>27</sup>From July 5, 2005

<sup>28</sup>To January 24, 2006

<sup>29</sup>From July 5, 2005

<sup>30</sup>From March 1, 2006

<sup>31</sup>From March 5, 2006

<sup>32</sup>From September 20, 2005

<sup>33</sup>From November 1, 2005

<sup>34</sup>Joint appointment with DTM

<sup>35</sup>From April 13, 2006

<sup>36</sup>From April 1, 2006

<sup>37</sup>From August 1, 2005

<sup>38</sup>From October 24, 2005

**DEPARTMENT OF GLOBAL ECOLOGY**

First row (left to right): Bob Haxo, Jan Brown, Chris Field, Ken Caldeira, Joe Berry, Greg Asner, and Halton Peters. Second row (left to right): Maoyi Huang, Mary Smith, Jason Funk, Alison Appling, Linda Longoria, Claire Lunch, Yuka Estrada, Ben Houlton, Todd Tolbeck, Kim Nicholas Cahill, Larry Giles, and Ismael Villa. Back row (left to right): Angelica Vazquez, David Knapp, Paulo Oliveira, Noel Gurwick, Ulli Seibt, Eben Broadbent, George Merchant, and Glenn Ford.



<sup>39</sup>From February 1, 2006

<sup>40</sup>From April 15, 2006

<sup>41</sup>To January 5, 2006

<sup>42</sup>From April 19, 2006

<sup>43</sup>Retired June 30, 2006

<sup>44</sup>From July 1, 2005

<sup>45</sup>To March 15, 2006

<sup>46</sup>To January 5, 2006

<sup>47</sup>From October 25, 2005

<sup>48</sup>To September 1, 2005

<sup>49</sup>From June 5, 2006

**Global Ecology****RESEARCH STAFF MEMBERS**

Gregory Asner  
Joseph A. Berry  
Kenneth Caldeira  
Christopher B. Field, *Director*

**POSTDOCTORAL FELLOWS AND ASSOCIATES**

Natalie Boelman, *Carnegie Research Fellow*<sup>1</sup>  
Benjamin Houlton, *Princeton University*<sup>2</sup>  
Maoyi Huang, *University of California, Berkeley*<sup>3</sup>  
Halton Peters, *Stanford University*<sup>4</sup>  
Ulrike Seibt, *Marie Curie International Fellowship*<sup>5</sup>

**PREDOCTORAL FELLOWS AND ASSOCIATES**

Kim Nicholas Cahill, *Stanford University*  
Jason Funk, *Stanford University*  
Noel Gurwick, *Cornell University*  
John Juarez, *Stanford University*  
Claire Lunch, *Stanford University*  
Carolyn Snyder, *Stanford University*  
Winston Wheeler, *Stanford University*<sup>6</sup>  
Adam Wolf, *Stanford University*

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Eben Broadbent, *Laboratory Technician*  
Christopher Carlson, *Laboratory Assistant*<sup>8</sup>  
Kimberly Carlson, *Laboratory Assistant*<sup>9</sup>  
Yair Chever, *Laboratory Assistant*<sup>10</sup>  
Yuka Estrada, *Laboratory Technician*  
Lawrence Giles, *Senior Laboratory Technician*  
Robert Haxo, *Laboratory Technician*  
Matthew Jones, *Laboratory Technician*<sup>11</sup>  
David Knapp, *Senior Laboratory Technician*  
David Kroodsma, *Laboratory Technician*<sup>12</sup>  
Melissa Kunz, *Laboratory Assistant*<sup>13</sup>  
Linda Longoria, *Administrative Assistant*  
Robin Martin, *Laboratory Technician*  
George Merchant, *Senior Programmer*  
Astasia Meyers, *Intern*<sup>14</sup>  
Ryan Mudd, *Laboratory Assistant*<sup>15</sup>  
Paulo Oliveira, *Laboratory Technician*  
Rebecca Raybin, *Laboratory Assistant*<sup>16</sup>  
Todd Tobeck, *Laboratory Coordinator*  
Tim Varga, *Laboratory Assistant*<sup>17</sup>

<sup>1</sup>To June 30, 2006

<sup>2</sup>From January 2, 2006

<sup>3</sup>From July 5, 2005

<sup>4</sup>From January 2, 2006

<sup>5</sup>To June 30, 2006

<sup>6</sup>To December 15, 2005

<sup>7</sup>To May 1, 2006

<sup>8</sup>From June 19, 2006

<sup>9</sup>To June 2, 2006

<sup>10</sup>From May 1, 2006

<sup>11</sup>From May 29, 2006

<sup>12</sup>To August 31, 2005

<sup>13</sup>From June 19, 2006

<sup>14</sup>From June 1, 2005, to August 31, 2005

<sup>15</sup>From January 2, 2006, to June 30, 2006

<sup>16</sup>From September 26, 2005

<sup>17</sup>From July 6, 2005

**The Observatories****RESEARCH STAFF MEMBERS**

Alan Dressler  
Wendy Freedman, *Director*  
Luis Ho  
Patrick McCarthy  
Andrew McWilliam  
John Mulchaey  
Augustus Oemler, Jr., *Director Emeritus*  
Eric Persson  
George Preston, *Director Emeritus*  
Michael Rauch  
Allan Sandage, *Staff Member Emeritus*  
François Schweizer  
Leonard Searle, *Director Emeritus*  
Stephen Sheckman  
Ian Thompson  
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Alan Uomoto, *Magellan Technical Manager*

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Samuel Boissier, *Postdoctoral Associate*<sup>2</sup>  
Christopher Burns, *Postdoctoral Associate*<sup>3</sup>  
Jeffrey Crane, *Postdoctoral Associate*  
Jeremy Darling, *Carnegie Fellow*<sup>4</sup>  
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Armando Gil de Paz, *Research Associate*<sup>5</sup>  
Michael Gladders, *Hubble Fellow*<sup>6</sup>  
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Tesla Jeltema, *Postdoctoral Associate*  
Ivo Labbé, *Carnegie Fellow*  
Mark Seibert, *Postdoctoral Associate*<sup>8</sup>  
Violet Taylor, *Postdoctoral Associate*<sup>9</sup>

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Miguel Roth, *Director, Las Campanas Observatory*

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Joanna Thomas-Osip, *Magellan Research Associate*

#### LAS CAMPANAS VISITING INVESTIGATOR

Nidia Morell, *Visiting Scientist*

#### SUPPORT SCIENTIST

David Murphy, *Instrument Scientist*

#### EXTERNAL AFFAIRS, PASADENA

Arnold Phifer, *Regional Director of Advancement*<sup>10</sup>

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Alex Athey, *Adaptive Optics Systems Engineer*  
Alan Bagish, *Las Campanas Observatory Engineer*  
Christoph Birk, *Data Acquisition Programmer*  
Jerson Castillo, *Instrument Maker*  
Ken Clardy, *Programmer*  
Judith Collison, *Magellan Project Administrative Assistant/Assistant Business Manager*  
Paul Collison, *Computer Systems Manager*  
Jorge Estrada, *Electronics Technician*  
John Grula, *Head Librarian, Information Services/Publications Manager*  
Tyson Hare, *Mechanical Engineer*  
Earl Harris, *Shipping and Receiving Clerk*  
Charles Hull, *Magellan Project Mechanical Engineer*  
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Sharon Kelly, *Buyer*  
Kathleen Koviak, *Data Analyst*<sup>12</sup>  
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Doreen Otsuka-Griffith, *Accounts Payable Clerk*<sup>14</sup>  
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Eli Slawson, *GMT Assistant*  
Jeanette Stone, *Purchasing Manager*  
Robert Storts, *Instrument Maker*  
Gregory Walth, *Data Analyst*  
Steven K. Wilson, *Facilities Manager*  
Pamela Wyatt, *Research Assistant*

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Carolina Alcayaga, *Purchasing Officer*  
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Juan Alfaro, *GMT Site Maintenance Support*  
Hernán Ángel, *Driver/Purchaser*  
Jorge Araya, *Magellan Telescope Operator*<sup>15</sup>  
Hector Balbontín, *Chef*  
Jorge Bravo, *Magellan Instrument Specialist*  
Patricio Carmona, *Janitor*  
Pedro Carrizo, *Plumber*  
Jilberto Carvajal, *El Pino Guard*

Jorge Castillo, *Paramedic*  
Emilio Cerda, *Magellan Electronics Engineer*  
Johnny Chavez, *Chef Assistant*  
Carlos Contreras, *Science Support*  
Angel Cortés, *Accountant*  
Henry Cortés, *Electrician*  
José Cortés, *Janitor*  
Jorge Cuadra, *Mechanic Assistant*  
Oscar Duhalde, *Mechanical Technician*<sup>16</sup>  
Julio Egaña, *Painter*  
Juan Espoz, *Mechanic*  
Javier Fuentes, *GMT Site Testing Support*  
Jaime Gómez, *Accounting Assistant*  
Danilo González, *El Pino Guard*  
Luis González, *Janitor*  
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Javier Gutiérrez, *Mechanical Technician Assistant*  
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Ricardo Covarrubias, *Universidad de Chile*  
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Eiichi Egami, *University of Arizona*  
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Daniel Eisenstein, *University of Arizona*  
Erica Ellingson, *University of Colorado*  
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Duncan Forbes, *Swinburne University of Technology, Australia*  
Harold Francke, *Universidad de Chile*  
Cesar Fuentes, *Harvard University, CFA*



**THE OBSERVATORIES** From left standing on concrete: Matt Johns, Earl Harris, John Grula, Gregory Walth, Andreas Koch, Alan Uomoto, Sharon Kelly, Mark Seibert, Inese Ivans, George Becker, Tesla Jeltema, George Preston, Patrick McCarthy, Andrew McWilliam, Jennifer Marshall, Barry Madore, Jeffrey Crane, Stephen Shectman, Tyson Hare, Steve Wilson, Juna Kollmeier, John Mulchaey, Scott Rubel, Christoph Birk, Vincent Kowal, François Schweizer, Robert Storts, Alan Bagish. From left on lawn: Silvia Hutchison, Luis Ochoa, Jeanette Stone (on front step), Jane Rigby, Haojing Yan, Edo Berger, Luis Ho, Ian Thompson, Rupali Chandar, Judy Collison, Paul Collison, David Murphy. Front: Jorge Estrada, Greg Ortiz, Wendy Freedman, Ken Clardy, Alan Dressler, Augustus Oemler, Violet Mager, Becky Lynn, Daisuke Kawata, Arnold Phifer, Jerson Castillo.

(Image courtesy Skye Moorhead.)

Rodrigo Fuentes, *Universidad de Concepción, Chile*  
 Gaspar Galaz, *Universidad Católica, Chile*  
 Roberto Gamem, *Universidad de La Serena, Chile*  
 Arti Garg, *Harvard University, CfA*  
 David Gilbank, *University of Toronto*  
 Armando Gil de Paz, *Universidad Complutense de Madrid, Spain*  
 Karl Glazebrook, *The Johns Hopkins University*  
 Matias Gomez, *Universidad de Concepción, Chile*  
 Anthony Gonzalez, *University of Florida*  
 Luis González, *Universidad de Chile*  
 Sebastián González, *Universidad Católica, Chile*  
 Nadya Gorlova, *University of Arizona*  
 Claudia Greco, *Universidad Católica, Chile*  
 Betsy Green, *University of Arizona*  
 Jenny Greene, *Harvard University, CfA*  
 Carl Grillmair, *California Institute of Technology*  
 Amanda Gulbis, *Massachusetts Institute of Technology*  
 Karl Haisch, *University of Michigan*  
 Steven Hale, *University of Birmingham, UK*  
 Jason Harris, *University of Arizona*  
 George Hau, *University of Durham, UK*  
 Ned Henry, *Harvard University, CfA*  
 Matthew Holman, *Harvard University, CfA*  
 Andy Howell, *University of Toronto*  
 Tracy Huard, *Harvard University, CfA*  
 Mark Huber, *Harvard University, CfA*  
 John Huchra, *Harvard University, CfA*  
 Adrienne Hunnaceck, *Massachusetts Institute of Technology*

Jason Ibarra, *San Francisco State University*  
 Rémy Indebetouw, *University of Virginia*  
 Leopoldo Infante, *Universidad Católica, Chile*  
 Peter Jonker, *Harvard University, CfA*  
 Andres Jordan, *European Southern Observatory*  
 Nitya Kallivayalil, *Harvard University, CfA*  
 Janusz Kaluzny, *Copernicus Foundation*  
 Julie Kane, *Massachusetts Institute of Technology*  
 Sheila Kannappan, *University of Arizona*  
 David Kaplan, *Massachusetts Institute of Technology*  
 Susan Kern, *Massachusetts Institute of Technology*  
 Robert Kirshner, *Harvard University, CfA*  
 Andrey Kratsov, *University of Chicago*  
 Claudia Kretchmer, *National Oceanic and Atmospheric Administration*  
 Kevin Krisciunas, *National Oceanic and Atmospheric Administration*  
 Woytek Krzeminski, *Copernicus Foundation*  
 Varsha Kulkarni, *University of South Carolina*  
 James Lauroesch, *Northwestern University*  
 Susan Lederer, *National Aeronautics and Space Administration*  
 Brian Lee, *University of Toronto*  
 Jae-Woo Lee, *Sejong University, Korea*  
 Samuel Lee, *Massachusetts Institute of Technology*  
 Roger Leiton, *Universidad de Concepción, Chile*  
 I-Hui Li, *University of Toronto*  
 Paulina Lira, *Universidad de Chile*  
 Sebastián López, *Universidad de Chile*  
 Mercedes López-Morales, *Department of Terrestrial Magnetism*

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 Kevin Luhman, *Pennsylvania State University*  
 Steve Majewski, *University of Virginia*  
 Eric Mamajek, *Harvard University, CfA*  
 Massimo Marengo, *Harvard University, CfA*  
 Andre Martel, *The Johns Hopkins University*  
 Crystal Martin, *University of California, Santa Barbara*  
 Paul Martini, *Harvard University, CfA*  
 Karen Masters, *Harvard University, CfA*  
 Renée Mateluna, *Universidad de Concepción, Chile*  
 Mario Mateo, *University of Michigan*  
 José Maza, *Universidad de Chile*  
 Jeffrey McClintock, *Harvard University, CfA*  
 Joe Meiring, *University of South Carolina*  
 Felipe Menanteau, *The Johns Hopkins University*  
 René Méndez, *Universidad de Chile*  
 Gerhardt Meurer, *The Johns Hopkins University*  
 Trevor Miles, *University of Birmingham, UK*  
 Brek Miller, *University of Birmingham, UK*  
 Eliza Miller-Ricci, *Harvard University, CfA*  
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 Maryam Modjaz, *Harvard University, CfA*  
 Alejandra Molina, *Universidad de Chile*  
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 Christian Moni, *Universidad de Chile*  
 Mark Mueller, *Harvard University, CfA*  
 Chris Mullis, *University of Michigan*  
 Ricardo Muñoz, *University of Virginia*  
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 Ricky Patterson, *University of Virginia*  
 Miriam Peña, *Universidad de Chile*  
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 Olga Pevunova, *California Institute of Technology*  
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 Aaron Romanowski, *Universidad de Concepción, Chile*  
 Slavek Rucinski, *University of Toronto*  
 Emma Ryan-Weber, *University of Cambridge, UK*  
 Wallace Sargent, *California Institute of Technology*  
 Paul Schechter, *Massachusetts Institute of Technology*  
 Alexander Scholz, *University of Toronto*  
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<sup>1</sup>To September 7, 2005

<sup>2</sup>To November 30, 2005

<sup>3</sup>From August 15, 2005

<sup>4</sup>To July 31, 2005

<sup>5</sup>To September 30, 2005

<sup>6</sup>To September 1, 2005, Carnegie Fellow; from September 1, 2005, Hubble Fellow

<sup>7</sup>From September 1, 2005

<sup>8</sup>From June 30, 2006

<sup>9</sup>From May 30, 2006

<sup>10</sup>From February 1, 2006

<sup>11</sup>From November 1, 2005, to June 21, 2006

<sup>12</sup>To December 19, 2005

<sup>13</sup>From March 20, 2006

<sup>14</sup>To January 31, 2006

<sup>15</sup>From August 30, 2005

<sup>16</sup>From July 1, 2005

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<sup>18</sup>From November 1, 2005

<sup>19</sup>To February 8, 2006

## Plant Biology

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<sup>1</sup>From July 1, 2005

<sup>2</sup>To December 1, 2005

<sup>3</sup>To August 30, 2005

<sup>4</sup>From April 1, 2006

<sup>5</sup>From April 15, 2006

<sup>6</sup>From September 1, 2005

<sup>7</sup>From January 1, 2006

<sup>8</sup>From May 7, 2006

<sup>9</sup>To September 30, 2005

<sup>10</sup>From October 1, 2005

<sup>11</sup>From September 16, 2005

<sup>12</sup>To July 31, 2005

<sup>13</sup>From December 5, 2005

<sup>14</sup>From March 13, 2006

<sup>15</sup>To April 26, 2006

<sup>16</sup>To May 31, 2006

<sup>17</sup>From January 1, 2006, to June 30, 2006

<sup>18</sup>From August 1, 2005, to January 15, 2006

<sup>19</sup>To September 15, 2005

<sup>20</sup>To March 14, 2006

<sup>21</sup>From May 1, 2006

<sup>22</sup>To December 31, 2005

<sup>23</sup>To August 31, 2005

<sup>24</sup>From July 20, 2005

<sup>25</sup>To October 14, 2005

<sup>26</sup>To June 30, 2006

<sup>27</sup>From April 1, 2006, to May 5, 2006

<sup>28</sup>To March 31, 2006

<sup>29</sup>To January 31, 2006

<sup>30</sup>From February 1, 2006

<sup>31</sup>From January 9, 2006

<sup>32</sup>From June 1, 2006

<sup>33</sup>To February 28, 2006

<sup>34</sup>From March 1, 2006, to June 30, 2006

<sup>35</sup>To April 7, 2006

<sup>36</sup>From June 6, 2006

<sup>37</sup>To February 3, 2006

<sup>38</sup>From June 19, 2006

<sup>39</sup>From April 26, 2006

<sup>40</sup>To June 2, 2006

<sup>41</sup>To September 26, 2005

<sup>42</sup>From June 16, 2006

<sup>43</sup>From May 22, 2006

<sup>44</sup>From June 26, 2006

<sup>45</sup>To August 19, 2005

<sup>46</sup>To September 28, 2005

<sup>47</sup>From June 20, 2006

<sup>48</sup>From March 1, 2006

<sup>49</sup>To January 3, 2006

<sup>50</sup>From January 24, 2006

<sup>51</sup>To January 15, 2006

<sup>52</sup>To June 23, 2006

<sup>53</sup>To May 5, 2006

<sup>54</sup>To March 3, 2006

## Terrestrial Magnetism

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 Hongfu Zhang, *University of Hong Kong*

<sup>1</sup>To August 31, 2005

<sup>2</sup>From September 5, 2005

<sup>3</sup>To November 5, 2005

<sup>4</sup>From January 3, 2006

<sup>5</sup>From September 6, 2005

<sup>6</sup>From September 6, 2005

<sup>7</sup>To August 31, 2005

<sup>8</sup>To August 31, 2005

<sup>9</sup>From October 3, 2005

<sup>10</sup>From February 1, 2006

<sup>11</sup>To September 1, 2005

<sup>12</sup>From September 6, 2005

<sup>13</sup>To December 31, 2005

<sup>14</sup>To December 31, 2005

<sup>15</sup>To October 4, 2005

<sup>16</sup>From November 1, 2005

<sup>17</sup>Joint appointment with Geophysical Laboratory

<sup>18</sup>To January 15, 2006

<sup>19</sup>To March 15, 2006

<sup>20</sup>From August 29, 2005

<sup>21</sup>To September 2, 2005

<sup>22</sup>From November 7, 2005

<sup>23</sup>From September 14, 2005, to January 9, 2006

<sup>24</sup>From March 1, 2006