

29. Personnel

Jonathan Allen, Director

Professors

Allen, Jonathan	French, Anthony P.	Litster, James D.
Allis, William P. *	Frishkopf, Lawrence S.	McCune, James E.
Baggeroer, Arthur B.	Gyftopoulos, Elias P.	Morgenthaler, Frederic R.
Barrett, Alan H.	Hale, Kenneth L.	Oppenheim, Alan V.
Bekefi, George	Halle, Morris	Peake, William T.
Bers, Abraham	Harris, James W.	Penfield, Paul, Jr.
Birgeneau, Robert J.	Harvey, George G. *	Pomorska, Krystyna
Bose, Amar G.	Haus, Hermann A.	Porkolab, Miklos
Braida, Louis D.	Ippen, Erich P.	Pritchard, David E.
Bresnan, Joan W.	Jakobson, Roman *	Schreiber, William F.
Burke, Bernard F.	Kennedy, Robert S.	Searle, Campbell L.
Chen, Sow-Hsin	Keyser, Samuel J.	Siebert, William M.
Chomsky, A. Noam	King, John G.	Smith, Henry I.
Coppi, Bruno	Kiparsky, R. Paul V.	Smullin, Louis D.
Dupree, Thomas H.	Kleppner, Daniel	Staelin, David H.
Edgerton, Harold E. *	Kong, Jin Au	Stevens, Kenneth N.
Ezekiel, Shaoul	Kyhl, Robert L.	Strandberg, Malcom W.P.
Fant, Gunnar +	Lee, Francis F.	Weiss, Thomas F.
Fodor, Jerry A.	Lettvin, Jerome Y.	Wolff, Peter A.
Fonstad, Clifton G.	Lidsky, Lawrence M.	Zimmerman, Henry J. *

Associate Professors

Berker, Ahmet N.	Lim, Jae S.	Salour, Michael M.
Joannopoulos, John D.	McClellan, James H.	Shapiro, Jeffrey H.
Kastner, Marc A.	Myers, Philip C.	Troxel, Donald E.

Assistant Professors

Ceyer, Sylvia T.	Lang, Jeffrey H.	Warde, Cardinal
Dreher, John W.	McFeely, F. Read	Wyatt, John L., Jr.
Glasser, Lance A.	Musicus, Bruce R.	Zue, Victor W.
	Nelson, Keith	

**Emeritus*
+ *Visiting*

Senior Research Scientists

Durlach, Nathaniel I.

Kamentsky, Louis A.
Klatt, Dennis H.

Rediker, Robert H.

Principal Research Scientists and Associates

Colburn, H. Steven

Melngailis, John

Perkell, Joseph S.

Postdoctoral Fellows

Bhattacharje, Gopa
Farrar, Catherine L.¹
Furst, Miriam²
Jakimik, Jola A.

Keithley, Elizabeth M.¹
Landahl, Karen L.³
Larkey, Leah S.¹
MacMillan, Neil¹

Maxwell, Edith M.¹
Milner, Paul¹
Price, Patti Jo¹
Widin, Gregory P.

Research Staff

Barrett, John W.
Barrows, Francis W.
Berman, Robert H.
Bhattacharjee, Tushar
Bilotta, Robert
Bonoli, Paul T.
Boutros-Ghali, Teymour
Cline, Richard W.
Delhorne, Lorraine A.
Englade, Ronald C.
Fitzgerald, Edward W.
Freeman, Dennis M.
Gerver, Michael
Guinan, John J., Jr.
Houtsma, Adrian J.M.
Hoyte, Lennox P.J.
Ihm, Jisoon
Irby, James H.

Jagannath, Chirravuri
Jarrell, Joseph A.
Kawasaki, Haruko
Kiang, Nelson Y.S.
Kierstead, John D.
Kortan, Ahmet R.
Krapchev, Vladimir B.
Kupferberg, Lenn C.
Lee, Dung-Hai Tom
Lo, Chi Cheung
Luckhardt, Stanley C.
Mastovsky, Ivan
McIlrath, Michael B.
Papa, D. Cosmo
Pierrehumbert, Janet M.
Plotkin, George M.
Rabinowitz, William M.

Ramos, Jesus
Reed, Charlotte M.
Rosenkranz, Philip W.
Rubbmark, Jan R.
Saenger, Katherine L.
Shao, Michael
Sharky, Nazih N.
Shefer, Ruth E.
Shipman, David W.
Spencer, William P.
Sugiyama, Linda E.
Sutton, Mark D.
Tetreault, David J.
Thompson, Carl V., II
Walker, Russell H.
Yuen, Y.C. Sunny
Zeskind, Dale A.
Zurek, Patrick M.

1. NIH Trainee
2. Bantrell Fellow
3. NSF Fellow

Visiting Scientists and Guests

Bebelaar, Dick	Hawryluk, Andrew M.	Rosowski, John J.
Bechtel, James H.	Horwitz, Christopher M.	Scharf, Bertram
Bertin, Guiseppe	Jacobsen, Edward H.	Shapira, Ruth
Blumstein, Sheila E.	Jhaveii, Sonal	Shattuck-Hufnagel, Stephanie
Brown, Fielding	Kanbe, Hiroshi	Vaidyanathan, A. Ganesh
Buchinger, Fritz	Kayoun, Pierre H.	Wang, Hong-Ming
Cerrillo, Manuel V.	Konrad, Cristina	Wang, Hu-Zhuan
Chen, Dong-Pei	Kumar, Prem	Wang, Shi-Qian
Chew, Weng Cho	Levine, Jerrold S.	Wang, Yi-ming
De Rosier, David T.	Liu, Hua-Khuang	Welte, Roland
Ducas, Theodore W.	Lyrta, A. Marjatta	Wiesner, Stephen
Fehrenbach, Gustav W.	Mills, Allen W.	Wintner, Ernst
Florentine, Mary S.	Perlman, David M.	Xu, Xi Ru
Fuchs, Adrian	Ram, Abhay K.	Xue, Ming-Lun
Gabielsen, Geir W.	Read, Michael E.	Yamamoto, Yoshihisa
Geiger, Gad	Roberts, David H.	Yuan-Zhao, Yin
Hamada, Masahiro	Rosenthal, Stanley J.	Zhong, Xubin

Research Affiliates

Barlow, John S.	Hawkins, C. Sarah	Miller, Joanne L.
Boduch, Raymond	Hillman, Robert E.	Picard, Leonard
Brown, Robert M.	Holmberg, Eva Birgitta	Pollack, Robert A.
Crist, Alan H.	Huggins, Allan W.F.	Ram-Mohan, L. Ramdas
Curby, Mark L.	Jaanimagi, Paul	Schultz, Martin C.
Dowdy, Leonard C.	Larrabee, Joanne W.	Stefanov-Wagner, Frank J.
Feldman, Sharon G.	Lyberg, Bertil	Steffens, David A.
Ferrier, Linda J.	Makhoul, John I.	Wacks, Kenneth P.
Grosjean, Francois	Menn, Lise	Zuniga, Michael A.
	Menyuk, Paula	

Research Assistants

Aeppli, Gabriel	Bennett, Charles L.	Crew, Geoffrey B.
Ali, Ali D.S.	Bogler, Phil L.	Cyphers, David S.
Allen, Barry R.	Bondurant, Roy S.	Dagli, Nadir
Andelman, David	Borgeaud, Maurice	Dana, Stephane S.
Anderson, Erik H.	Brewer, Lawrence R.	DeGennaro, Steven V.
Armstrong, John T.	Chen, Francine R.	Dexheimer, Susan
Atwater, Harry A.	Chou, Yu	Dhawan, Vivek
Barabell, Arthur J.	Chuang, Shun-Lien	Dowla, Farid U.
Bar-Yam, Yaneer	Church, Kenneth W.	Dreshfield, Kenneth J.

Research Assistants (continued)

Duckworth, Gregory L.	Kuznetsov, Mark	Richard, Michael D.
Ezzeddine, Amin K.	Kwasnick, Robert F.	Rohatgi, Rajeev R.
Fisher, Alan S.	Lamb, Richard H.	Rohlicek, Robin J.
Francis, Gregory E.	Lamel, Lori F.	Rose, Christopher
Fujimoto, James G.	Larson, Brent D.	Sanders, Glen A.
Gabriel, Kaigham J.	Lattes, Ana Luisa	Sara, Jason
Gamble, Edward B., Jr.	Lau, Sun Tong	Schadler, Edward H.
Garber, Edward M.	Lawrence, Charles R.	Schloss, Robert P.
Garcia-Barreto, J. Anthony	Lee, Jay Kyoon	Schott, Jean-Pierre
Garnavitch, Peter M.	Leong, Robert S.	Scott, Thomas P.
Garner, Richard C.	Leung, Hong Chung	Seiler, Larry D.
Ghavamishahidi, Ghavam	Lin, Sching Lih	Seneff, Stephanie
Goldhor, Richard S.	Livingston, Jay N.	Sezginer, Abdurrahman
Gould, Philip L.	Magill, Peter D.	Shadle, Christine H.
Griffin, Daniel W.	Mahoney, James H.	Shih, Shih-Ming
Habashi, Tarek M.	Malik, Naveed A.	Skarda, Gregory M.
Hackett, Kirk E.	Mayberry, Matthew J.	Smith, Neil
Hakimi, Farhad	McDerott, F. Scott	Specht, Elliot D.
Harrison, William A.	McManus, John B.	Stathis, James H.
Harten, Leo P.	Medina, Antonio	Stautner, John P.
Heiney, Paul A.	Mesite, Paula L.	Stein, Josephine A.
Hemmer, Philip R.	Meyer, Raymond E.	Stewart, Brian A.
Hewitt, Jacqueline N.	Migdall, Allan L.	Stix, Michael
Hinshelwood, David	Milios, Evangelos E.	Stone, Alfred D.
Horowitz, David M.	Mizumoto, Chris T.	Sulecki, Joan M.
Hulet, Randall G.	Mochrie, Simon G.J.	Tench, Robert E.
Humphreys, David A.	Molter-Orr, Lynne	Truong, Toan Vinh
Huttenlocher, Daniel	Moskowitz, Philip E.	Uchanski, Rosalie M.
Isaacs, Eric D.	Moskowitz, Warren P.	Walkup, Robert E.
Islam, Mohammed N.	Murphy, David C.	Warnock, James D.
Izraelevitz, David	Nathan, Krishna S.	Warren, Alan C.
Jackson, James M.	Nawab, Syed H.	Welch, George R.
Jacobs, Kenneth D.	Nguyen, Trung Tien	Wengrovitz, Michael S.
Kash, Kathleen	Pan, Davis Yen	Whitaker, Norman A., Jr.
Kash, Michael M.	Papurt, David M.	White, Frederic M.
Keavney, Christopher J.	Park, Dongwook W.	White, Lawrence W.
Khan, Malik M.A.	Peterson, Patrick M.	Williams, Brian C.
Kim, Sei-Hee	Puese, Bruce W.	Wong, Albert K-S
Kirkpatrick, Douglas A.	Poh, Soon Yun	Wong, Stephen B.
Kissel, Steven E.	Prentise, Mara G.	Yam, Yeung
Knowlton, Stephen F.	Putnam, Roger S.	Yorsz, Jeffrey
Krause, Edward A.	Rappaport, Carey M.	Youngdale, Eric R.
Krystal, Andrew D.		Zayhowski, John J.

Teaching Assistants

Armstrong, Robert C.	Hoang, Phuong-Quan	Pachtman, Arnold
Arrott, Anthony P.	Huntzinger, Mark E.	Pappas, Thrasyvoulos
Chambers, William N.	Ito, Yoshiko	Song, William S.
Colavita, M. Mark	Joo, Tae-Hong	Szabo, Bernard I.
Damon, Richard S.	Karl, William C.	Timp, Gregory L.
Delatzky, Jonathan	Komichak, Michael J.	Vallese, Francesco J.
Engelke, Charles W.	Lee, Chong U.	Wagner, Stuart S.
Esmersoy, Cengiz	McLeod, Kenneth J.	White, Jeffrey R.
Espy, Carol Yvonne	Mizumoto, Chris T.	Wroclawski, John T.
Garcia, Armando	Ocko, Benjamin M.	Zubowski, Charles A.

Graduate Students

Allard, Terry T.	Dove, Webster P.	Jin, Jiang-Sheng ¹⁵
Anderson, James C.	Evans, William H. ⁸	Jin, Yaqiu ¹⁵
Benson, Priscilla J.	Fajans, Joel ³	Joshi, Kiran Raj
Bergano, Neal S. ¹	Fiorentini, Henry G.	Kobota, Ichiro
Berger, Elliot N.	Fratamico, John J. ³	Kunoff, Estelle M. ¹⁶
Bezdjian, Krikor A.	Fujimura, Akira	Kurkjian, Andrew L. ¹⁷
Bickley, Corine A. ²	Gabriel, M. Christina ¹	LaRow, Michael R. ⁹
Boebinger, Gregory S. ³	Gentile, Thomas R.	Lezec, Henri J.
Bordley, Thomas E.	Gifford, Margaret L. ²	Maeda, Mari
Briancon, Alain C.	Glaser, Michelle J. ⁹	Magnus, Margaret H.
Bristol, Jr., Norman ¹	Glass, James P. ⁷	Malvar, Henrique S. ¹⁸
Bustamante, Diane K. ²	Hamilton, Greg D. ¹	Marroquin, Jose Luis ¹⁹
Cantarutti, Paolo	Hamza, Abdelhaq M. ¹⁰	Martinelli, Julio J. ¹⁹
Carley, David W. ⁴	Harton, Sara M.A. ¹¹	Martínez-Miranda, Luz J. ⁸
Chan, Philip ⁵	Heron, Courtney D. ¹²	Matson, Mark D.
Chao, Yao-Ming	Howland, Bradford	Mauel, Michael E.
Chiang, Wei-Chung	Hsu, Stephen C. ⁸	McCormick, Steven P. ¹
Chike-Obi, Balogun ⁶	Hu, Robert Sueh-Chien	McCue, Michael P. ²
Curtis, Susan R. ¹	Hu, Weiming ¹³	Mesa, Osvaldo S. ¹
DiFilippo, David ⁷	Hughey, Barbara J. ¹⁴	Messac, Achille, Jr.

1. Bell Laboratories Fellow

2. NIH Trainee

3. Hertz Fellow

4. HST Fellow

5. Singapore Government Fellow

6. Nigerian Government Loan

7. Canadian Government Fellow

8. NSF Fellow

9. Hughes Aircraft Fellow

10. Algerian Scholarship

11. Lincoln Labs Fellow

12. GEM Fellow

13. Honeywell Scholarship

14. M.I.T. Karl T. Compton Fellow

15. Chinese Government Fellow

16. IBM Fellow

17. Schlumberger Fellow

18. Brazilian Government Scholarship

19. Mexican Government Fellow

Graduate Students (continued)

Miller, Glen W. ¹	Ressler, Andrew L.	Urbaniak, Walter A.
Mook, Douglas R.	Robinson, Andrew L. ⁸	Vachon, Guy
Moser, James R. ²	Saxberg, Bror V.H. ⁹	Van Hove, Patrick L. ¹³
Myers, Cory ³	Schulert, Andrew J. ²	Velez, Richardo E. ¹⁴
Ocenasek, Josef ⁴	Schulz, Brian L. ¹⁰	Vlannes, Nickolas P.
O'Rourke, John	Sekiguchi, Hiroshi ¹¹	Voldman, Steven H.
Paulik, Mark J. ¹	Shapiro, Philip D.	Waissman, Roberto S. ¹⁵
Paulos, John J. ⁵	Shin, Robert T.I.	Wang, David L. ⁶
Pettit, Steven L. ⁶	Shinn, Neal D.	Weiner, Andrew M.
Pineda, Juan	Sundaram, Ramikrishnan ¹²	Williams, Douglas D.
Ponikvar, Donald R. ⁷	Teich, Jonathan M. ⁷	Williams, Gregory E. ¹⁶
Prince, Jerry L.	Towe, Elias D.	Yorker, Jeffrey G.
Randolph, Mark ⁴	Ueki, Gordon	Zhang, Lixia ¹⁷

Undergraduate Students

Ahern, Lance J.	Chase, Scott I.	Foss, Kristin K.
Ames, Michael	Chavez-Pirson, Arturo	Furuno, David S.
An, Chae H.	Chen, David A.	Ghosh, Biswa R.
Ataki, Patrick	Chiang, Carol J.	Giambalvo, Corrado
Atlas, Susan	Corcoran, Christopher	Gleckman, Philip L.
Aune, Timothy J.	Cotter, Vincent J.	Gorodishcher, Ilya
Babalitis, Panagiotis A.	Della Fera, Anthony	Guy, Donald
Bade, Edward R.	Denton, Denise	Hagemeister, Mark
Ball, Kevin D.	Derozairo, Andrew M.	Hakkarainen, J. Mikko
Baltus, Donald G.	Detlefs, William F.	Hamburger, Robert O.
Barsony, Mary	Dixon, Stephen K.	Harragy, David P.
Bavly, Eric M.	Doyle, John M.	Hawes, David J.
Bonney, Laura A.	Drogaris, Anthony N.	Hildebrant, Eric M.
Bounds, Jeffrey K.	Duffey, Thomas P.	Hill, Brian A.
Burgess, George H.	Duncan, Ronald B.	Hodgkinson, Alan E.
Canning, John M.	Elias, Eric	Hong,
Carney, Laurel H.	Epstein, Michael A.	Hosein, Patrick A.
Cataltepe, Tanju	Ericson, Daniel W.	Isnardi, Michael
Chambers, William N.	Felshin, Susan L.	Jain, Sudhanshu K.

1. General Motors Fellow

2. NSF Fellow

3. Schlumberger Fellow

4. Bell Laboratories Fellow

5. IBM Fellow

6. Hughes Aircraft Fellow

7. Hertz Fellow

8. Digital Equipment Corporation Fellow

9. M.I.T. Fellow

10. American Bell, Inc. Fellow

11. Toshiba Fellow

12. Winton Hayes Fellow

13. Belgian American Education Foundation

14. Mexican Government Fellow

15. National Research Council of Brazil

16. Lincoln Labs Fellow

17. People's Republic of China

Undergraduate Students (continued)

Jones, Linda	Mutz, Andrew	Shapiro, Jerome
Kalogny, Howard	Nevins, Bryan D.	Sherloch, Thomas
Kaplan, Mark S.	Nulan, Craig A.	Sidikman, Kenneth L.
Kardan, Kaveh	Nykolak, Gerald	Song, Sammy M.
Kay, James M.	O'Donnell, Shawn R.	Spellman, Roger
Kellam, Jeffrey A.	Opalsky, David*	Stanzel, Robert P.
Kesler, Morris P.	Paczuski, Maya	Steinbeck, John W.
Kidd, Robert C.	Passman, Judith	Suggs, Bradley N.
Kim, Micheal W.	Pearsall, C. Robert, II	Teachy, Robert D.
Kim, Richard Y.	Pemberton, Joseph C.	Thayer, Jeffrey S.
Kochanski, Gregory	Persichetti, Arthur M.	Tien, Ben Tze
Kositsky, Joel	Pinsker, Robert I.	Tsai, John C-H
Lambert, Katherine H.	Rains, William A.	Tsang, Grace P-Y
Laves, Alan L.	Ralston, John D.	Wan, Poang-Liang
Levine, Eric C.	Raman, Shankar	Washington, Emanuel E.
Liebeler, Eric C.	Record, Rush H.	Weideman, John R.
Liu, Shih-Chii	Rode, Christian S.	Winkelman, John R.
Loughridge, Michael F.	Rotman, Ruth R.	Wise, Ben P.
Luna, Joel J.	Sachdev, Subir	Wong, Geoffrey E.
Luthiger, Walter E.	Sadri-Azarbayesani, Babak	Wong, Gerald G.
Maloney, John P.	Schaefer, Robert J.	Wong, Raymond W.
Mars, Mark E.	Schenck, Jeffrey L.	Xanthos, James A.
Matter, Michael C.	Scherdin, Steven M.	Yates, Beverly A.
McCrae, Jack E., Jr.	Schnitzler, Raymond A.	Yeh, Huoy-Ming
Mok, Chee Kong	Schutkeker, John	Yi, Ki Hyong
Moore, Barbara K.	Schwinn, Daniel J.	Zabor, William C.
	Secker-Walker, Hugh	

Administrative Staff

Bella, Charles J.	Maguire, Lawrence E.	Keyes, Richard V., Jr.
Duffy, Donald F.	McCarthy, Barbara L.	Peck, John
	Moore, Janet E.	

Support Personnel

Aalerud, Robert W.	Budd, Holly N.	Chambers, Virginia N.
Aufiero, Elaine E.	Burrill, Lisa J.	Clements, Donald A.
Bella, Rose Carol	Cabral, Manuel, Jr.	Cook, John F.
Bendiner, Nancy H.	Carter, James M.	Donnelly, Marie

*Boston University Student

Support Personnel (continued)

Doucette, Wilfred F.
Dove, Monica Edelman
Duffy, Cheryl A.
Eccles, Miriam R.
Evans, Thomas M.
Foster, Stella J.
Fownes, Marilyn R.
Gale, Donna L.
Garalis, Thalia
Gelinas, Andrea L.
Grande, Esther D.
Griswold, Marsden P.
Hall, Kyra M.
Holcomb, A. Linnea
Hughes, Martin O.

Kaloyanides, Venetia
Kopf, Cynthia Y.
Lauricella, Deborah A.
Lauricella, Virginia R.
Lavelle, Edward R.
Leach, George H.
Ledgister, Enid L.
Lewis, Ionia D.
Lorusso, Catherine
Lydon, Catharine A.
McCue, Kathleen M.
McDonnell, Russell A.
McKinnon, Rita C.
Mitchell, Joseph E.
Nelson, Sylvia A.
Nickerson, John C.

North, Donald K.
O'Keefe, Patrick M.
Poynor, Charles A.
Rettman, Kenneth F.
Robinson, Ann
Scalleri, Mary
Sincuk, Joseph, Jr.
Smith, Clare F.
Southwick, Marie L.
Stubbs, Frederick A.H.
Taylor, David M.
Taylor, Vicky-Lynn
Vine, Brent H.
Williams, Arbella P.C.
Worner, Pamela S.