

PERSONNEL

Prof. Peter A. Wolff, Director
Prof. Jonathan Allen, Associate Director

Internal Advisory Committee

Prof. Jonathan Allen	Prof. Alan V. Oppenheim
Prof. Robert J. Birgeneau	Prof. William M. Siebert
Prof. Bruno Coppi	Prof. Louis D. Smullin
Prof. Shaoul Ezekiel	Prof. David H. Staelin
Prof. Morris Halle	Prof. Kenneth N. Stevens
Prof. John G. King	Prof. Peter A. Wolff
Prof. Daniel Kleppner	(Chairman)

Professors

Allen, Jonathan	Frishkopf, Lawrence S.	O'Neil, Wayne A.
Allis, William P.*	Hale, Kenneth L.	Oppenheim, Alan V.
Als-Nielsen, Jens†	Halle, Morris	Peake, William T.
Barrett, Alan H.	Harvey, George G.*	Pomorska, Krystyna
Bekefi, George	Haus, Hermann A.	Ross, John R.
Bers, Abraham	Jakobson, Roman*	Schreiber, William F.
Birgeneau, Robert J.	Kennedy, Robert S.	Siebert, William M.
Bromberger, Sylvain	King, John G.	Smullin, Louis D.
Burke, Bernard F.	Kiparsky, R. Paul V. ‡	Spight, Carl†
Chomsky, A. Noam	Kleppner, Daniel	Staelin, David H.
Coppi, Bruno	Kyhl, Robert L.	Stevens, Kenneth N.
Dupree, Thomas H.	Lee, Francis F.	Strandberg, Malcom W. P.
Eden, Murray‡	Lettvin, Jerome Y.	Weiss, Rainer
Edgerton, Harold E.*	Lidsky, Lawrence M.	Wolff, Peter A.
Fodor, Jerry A.	McCune, James E.	Zimmermann, Henry J.
	Morgenthaler, Frederic R.	

Associate Professors

Blessner, Barry A.	Garrett, Merrill F.	Shapiro, Jeffrey H.
Braida, Louis D.	John, Puthenveetil K. †	Sigmar, Dieter J. ‡
Bresnan, Joan W.	Kong, Jin Au	Troxel, Donald E.
Ezekiel, Shaoul	Pau, Louis-François†	Weiss, Thomas F.
Fonstad, Clifton G., Jr.	Perlmutter, David M.	Young, Ian T.
	Pritchard, David E. ‡	

Assistant Professors

Chu, Flora Y-F.	Muehlner, Dirk J.	Toong, Hoo-min D.
Gupta, Madhu S.	Myers, Philip C.	Warde, Cardinal†
Joannopoulos, John D.	Oman, Charles M.	Waxman, Stephen G. †
McClellan, James H.	Politzer, Peter A.	Willeman, Thomas R.
McFeely, Read F.	Scaturro, Louis S.	Wright, Edward L.
	Staley, Ralph H.	

*Emeritus

†Visiting

‡Absent

PERSONNEL

Lecturers

Bourk, Terrance R.	Houtsma, Adrian J. M.	Piankian, Robert A.
Durlach, Nathaniel I.	Kiang, Nelson Y. S.	Searle, Campbell L.
George, E. Victor		Smith, Arthur A.

Research Associates and Postdoctoral Fellows

Austin, Stewart S.	Kean, Mary-Louise	Rosenkranz, Philip W.
Bernstein, Jared	Klatt, Dennis H.	Rosenthal, Stanley J.
Brill, Michael H.	Klein, Barbara	Ross, Donald G.
Colburn, H. Steven	O'Shaughnessy, Douglas D.	Sen, Abhijit
Cooper, William E.	Pant, Aniket	Shattuck-Hufnagel, Stefanie
Driver, Richard D.	Perkell, Joseph S.	Sher, Stephanie E.
Ducas, Theodore W.	Pettijohn, David O.	Solberg, Myrl E.
Ehst, David A.	Phillips, William D.	Tetreault, David J.
Gruberg, Edward R.	Quick, Donald C.	Way, Kermit R.
Guinan, John J., Jr.	Reames, Fred M.	Williams, Katherine L.
Henke, William L.	Reed, Charlotte M.	Wolf, Catherine D.
Hewlett, Martin J.	Rhyne, Theodore L.	Yuen, Horace P. H.
Johnston, George L.		Zue, Victor W.

Research Staff

Barrett, John W.	Kiang, Nelson Y. S.	Platzker, Aryeh
Basu, Bamandas	Kierstead, John D.	Raymond, Stephen A.
Benford, Richard L.	Kramer, Peter B.	Reiman, Allan H.
Coleman, John W.	Krapchev, Vladimir B.	Shillman, Robert J.
Drake, Caleb J.	Littman, Michael G.	Sorensen, John M.
Durlach, Nathaniel I.	Macrakis, Stavros M.	Weaver, James C.
Englade, Ronald C.	McCarthy, John J.	Wood, R. Andrew
Gajewski, Ryszard	McKenzie, John A.	Wu, Frederick Y-F.
Hunnicut, M. Sharon	Papa, D. Cosmo	Zack, Allison G.
	Parrish, Alan	

Visiting Scientists and Guests

Bertin, Giuseppe	Galvão, Ricardo M. O.	Maturana, Humberto R.
Blumstein, Sheila E.	Gussmann, Edmund	Mills, Allen W.
Cerrillo, Manuel V.	Jacobsen, Edward H.	Mimaki, Tadashi
D'Agostino, Frederick B.	Leclert, Gérard P.	Starkloff, Thomas
DeMenna, Luciano	Leiber, Justin	Villchur, Edgar
Freidin, Robert A.		Wilkins, Wendy K.

Research Affiliates

Altmann, David W.	Dowdy, Leonard C.	Marr, Elizabeth M.
Barlow, John S.	Huggins, A. W. F.	Menn, Lise
Boyle, Brian E.	Kahn, Margaret	Menyuk, Paula
Brown, Fielding	Kasevich, Raymond S.	Moslin, Barbara J.
Bullowa, Margaret	Kfoury, Denis J.	Mulroy, Michael J.
Crist, Alan H.	Laferrriere, Martha	Norton, Susan J.
Domnitz, Robert H.	Makhoul, John I.	Painter, Colin

PERSONNEL

Research Affiliates (continued)

Scatton, Ernest A.
Scharf, Bertram
Schultz, Martin C.

Steffens, David A.
Swadlow, Harvey A.

Terry, James L.
Tsang, Leung
Waugh, Linda R.

Instructors

Lysy, Dusan G.
Singer, Elliot

Research Assistants

Allen, Barry R.
Baltin, Mark R.
Beaman, Peter D.
Bosshart, Patrick W.
Bromberg, Leslie
Brunner, Timothy A.
Burzio, Luigi
Buxton, Richard B.
Carrier, Jill L.
Cassel, Alan L.
Chan, David S. K.
Chan, Hark C.
Chang, Franklin R.
Chew, Weng C.
Christopher, Deborah K.
Cole, James A.
Cook, Andrew G.
Cooley, John J.
Davis, James L.
Davis, Mark F.
Delgutte, Bertrand
Downey, Patricia M.
Duncan, David B.
Filreis, James
Fisch, Nathaniel J.
Fisher, Alan S.
Fisher, Arthur D.
Frerking, Margaret A.
Fulton, Scott P.
George, Leland M.
Giuffrida, Thomas S.
Goldhor, Richard S.
Goldstein, Stephan C.
Goldwasser, Samuel M.
Gottlieb, Mark
Graham, Michael R.
Greenfield, Perry E.
Hackel, Richard P.
Halpern, Mark
Hansman, Richard J., Jr.

Harris, David B.
Haschick, Aubrey D.
Hawkins, William J.
Hayes, Bruce P.
Herman, Philip W., Jr.
Hershcovitch, Ady
Hicks, Bruce L.
Ho, Paul T.
Ho, Ping Tong
Holz, Michael K. O.
Hrubes, James D.
Ingria, Robert J.
Jaeggli, Osvaldo A.
Janos, Alan C.
Jarrell, Joseph A.
Johnston, Mark D.
Jones, Joseph L.
Jones, Roger W.
Kaplan, Martin C.
Karney, Charles F. F.
Kegl, Judy Ann
Khan, Muhammad A.
Klinkowstein, Robert E.
Knecht, Laura E.
Kuklinski, Theodore T.
Kulp, John L., Jr.
Lapatovich, Walter P.
Laskey, Kenneth J.
Laurenson, Robert C.
Ledsham, William H.
Lee, Donald L.
Lekach, Ann F.
Leslie, David I.
LeSourd, Philip S.
Lim, Jae S.
Linebarger, Marcia
Martinez, David R.
May, Robert C.
McDonough, David F.

Mele, Eugene J.
Misaki, Yo
Moskowitz, Philip E.
Myung, Nam-Soo
Nash, David G.
Nucho, Roger N.
Ostler, Nicholas D.
Otten, Gillis R.
Paik, Woo Hyun
Palevsky, Alan
Picard, Leonard
Picheny, Michael A.
Portnoff, Michael R.
Putnam, Roger S.
Quatieri, Thomas F.
Ratzel, John N.
Rice, John E.
Richards, Burton
Rivas, Alberto M.
Rubenstein, Kenneth
Safinya, Cyrus R.
Schneps, Matthew H.
Schwind, David M.
Serri, John A.
Short, William R.
Siegel, Ronald A.
Spencer, William P.
Sperry, Steven V.
Steffes, Paul G.
Stephens, Peter W.
Stone, David S.
Succi, George P.
Tebyani, Mahmoud
Tekula, Miloslav S.
Theriault, Kenneth B.
Thomas, Clarence E.
Vaidanathan, A. Ganesh
Van Bockstaele, Nathalie
Walker, Robert C.
Zimmerman, Myron L.

PERSONNEL

Teaching Assistants

Abrams, David E.	Garber, Edward M.	Marzetta, Thomas L.
Blumenthal, Steven H.	Gifford, Margaret L.	Misra, Subarna L.
Bruccoleri, Robert E.	Golub, Howard L.	Nawab, Syed H.
Buckley, Robert R.	Hayes, Monson H.	Peterson, Patrick M.
Carter, John C.	Herring, James S.	Ross, Warren S.
Clements, Mark A.	Holton, Thomas	Ruiz, Antonio
Cox, Charles H.	Hui, George Po-Ning	Sefcik, Joseph A.
Fish, Richard D.	Kenyon, Peter T.	Simmons, Earl L.
Freeman, Dennis M.	Keshner, Marvin S.	Smith, David A.
Frezza, William A.	Kline, Richard B.	Wang, Karl L.
	Krasner, Michael A.	

Other Graduate Students

Ahmad, Riad N. (1)	Ellis, James R., Jr. (1)	Knowlton, Stephen F. (23)
Babcock, Robert T. (2)	Englander, Irvin S. (1)	Kohn, Wolf
Baden-Kristensen, Keld (3)	Ferreira, Antonio (15)	Kopec, Gary E. (19)
Bahler, Lawrence G. (1)	Fisher, Jay L. (1)	Lasche, George P. (2)
Balsamo, Salvatore R. (4)	Forbes, Alan R. (1)	Laughlin, Robert B. (1)
Baron, Wayne D. (1)	Ganong, William F., III (7)	Leveckis, Algis S. (1)
Bhanu, Bir (5)	Garcia-Barreto, J. Antonio (1)	Leverette, Steven J. (1)
Bishop, Robert P. (6)	Garel, Keith C., Jr. (16)	Levinstone, Donald S. (6)
Boucher, Ronald E. (7)	Garner, Geoffrey M. (7)	Lieber, Rochelle (1)
Boutros-Ghali, Teymour (1)	Giansiracusa, Robert S. (7)	Linden, Lynette (6)
Branscomb, Harvie H. (1)	Glasser, Lance A. (17)	Lippman, Richard P. (6)
Breckenridge, Janet M. (1)	Goldstein, Ursula G. (6)	Lowe, Calvin (1)
Breuer, Charles T. (8)	Granetz, Robert S. (1)	Lynch, Thomas J., III (6)
Brewer, Warren K. (9)	Gray, Harrold W. (18)	Lynn, Charles W. (1)
Burmawi, M. Yousoof (10)	Green, James F. (1)	Machado Mata, Jesus A. (24)
Bush, Marcia A. (1)	Grimes, Donald L. (6)	Madellis, Anna Marie (1)
Callias, Constantine J. (1)	Hagelstein, Peter L. (19)	Malik, Naveed A. (25)
Chao, Yao-Ming (11)	Hall, Mark G. (20)	McCarthy, John J., III (1)
Clark, Cheryl (12)	Holford, Stephen K. (1)	McKinstry, Mark L. (9)
Coderch, Marcel F. (13)	Howard, Iris A. (1)	McManamy, Thomas J. (1)
Coln, Michael C. (7)	Howland, Bradford (6)	Mook, Douglas R. (6)
Cook, Donald L. (1)	Hoy, Jeffrey C. (21)	Moroney, Paul (1)
Curlander, Paul J. (7)	Hsu, Su Ling (1)	Newman, Eric (6)
DeGennaro, Steven V. (14)	Kaplan, David L. (9)	O'Callaghan, Michael G. (6)
Djermakoye, Boucar (1)	Karakawa, Masayuki (1)	Odette, Louis L. (1)
Dyckman, Howard L. (1)	Khan, Malik M. A. (22)	Olesik, Joseph T. (7)

(1) Jordanian Government Fellow	(14) General Radio Foundation
(2) U. S. Army	(15) Brazilian Government Fellow
(3) Copenhagen University Senior Stipend	(16) Jamaica Scholarship
(4) U. S. Air Force	(17) RLE Industrial Fellow
(5) National Scholarship of India	(18) Ford Foundation Fellow
(6) NIH Trainee	(19) Hertz Foundation Fellow
(7) NSF Fellow	(20) U. S. Government
(8) NSF Trainee	(21) M. I. T. Endowed Fellow
(9) ERDA Fellow	(22) Pakistani Government Fellow
(10) Saudi Arabian Mission Fellow	(23) M. I. T. Karl T. Compton Fellow
(11) Republic of China Government Fellow	(24) Grass Instrument Company Fellow
(12) National Fellowship Fund	(25) Quaid-E-Azem Scholarship
(13) ITP Foundation Fellowship (Spain)	

PERSONNEL

Other Graduate Students (continued)

Ordubadi, Afarin	Sclove, Richard E.	Thiersch, Craig L. (2)
Orenstein, Joseph W.	Seeley, James R. (7)	Tribolet, José M. (12)
Patterson, Robert W. (1)	Shalloway, Mark A. (4)	Tucker, Anne P. (13)
People, Roosevelt (1)	Shao, Michael	Tucker, Ben M.
Perevoski, Ernest J.	Shapiro, Daniel G.	Tung, Leslie (5)
Peterson, Scott K.	Sheppe, Richard W., Jr.	Uppal, Jack
Pollard, William B. (2)	Sianez-Gutierrez, Jorge (8)	Walton, James T.
Potok, Robert E.	Silver, Bruce R.	Wang, Bingseng (14)
Razdow, Allen M.	Simmons, Diane C. (9)	Weinberg, Amy S. (9)
Riordan, William J.	Sjoblom, Todd (4)	Wiegner, Allen W.
Robison, William A. (3)	Sorie, Yillah-Mohamed	Williams, Walter R. (1)
Rosen, Stuart M. (4)	Stancil, Daniel D. (10)	Wood, Donald A., Jr. (1)
Rotenberg, Joel (4)	Stern, Richard M., Jr.	Yip, Moira J.
Saidel, William (5)	Stiefel, Michael D.	Zacharias, Greg L. (5)
Schick, Irwin C.	Teich, Jonathan M. (11)	Zack, Gregory W. (5)
Schoendorfer, Donald W. (6)	Theilhaber, Kim S.	Zuniga, Michael A. (15)

Undergraduate Students

Ackerman, William L.	Dudley, Gary J.	Hislop, Peter D.
Ackman, Paul J.	Dunlay, James J.	Ho, Kuo Ting
Anderson, John R.	Egido, Carmen	Hoffman, Ron M.
Babiak, John	Ely, Douglas J.	Holtzman, Samuel
Baer, Richard L.	Eyler, Edward E.	Hubbard, James E., Jr.
Battye, William H.	Falco, Emilio E.	Kaplan, Jonathan
Bauer, Steven M.	Falkenburg, Douglas E.	Kesten, Philip
Bernays, D. Jonathan, Jr.	Fenwick, John W.	Klipper, Esther P.
Blatt, Stephen R.	Fertsch, Michael T.	Kunin, Richard D.
Boghosian, Bruce M.	Fiedler, Ralph L.	Kuperstein, Michael
Boice, Meredith	Fine, John S.	Lake, Anthony
Boisseau, Raymond P.	Forrest, John W.	Lamel, Lori F.
Boisvert, Joseph	Frey, Kirk A.	Lang, Stephen W.
Breen, Barry N.	Frueh, Jonathan T.	Langston, Glen I.
Briggs, Charles V.	Fu, Leo T-C.	Lewis, Wayne L.
Brown, Melvin	Fung, Albert K.	Lieberman, Jerrold D.
Cabrera, Sergio D.	Gibson, Dwight D.	Linder, Barry J.
Chang, Albert M-F.	Glaser, Charles L.	Lowenhaupt, Manuel T.
Cogswell, Kurt D.	Green, Jonathan B.	Macklem, David M.
Coppersmith, Susan N.	Hakimi, Farhad	Marable, William P.
Dai, Cheng-Ti	Hawley, James T.	Martin, Paul A.
Deneroff, Martin M.	Heinrich, Richard M.	Matson, Mark D.
Dillon, Robert F.	Higgins, William E.	Mauel, Michael E.
Donohue, John E.	Hildum, Edward A.	McGrath, William R.
Drakeley, George M., III	Hinshelwood, David	Millar, David R.

- (1) Bell Laboratories Fellow
- (2) Danforth Foundation Fellow
- (3) National Research Council Fellow
- (4) NSF Fellow
- (5) NIH Trainee
- (6) NIGMS Fellow
- (7) U.S. Navy
- (8) Mexican Government Fellow

- (9) Ida M. Green Fellow
- (10) M.I.T. Endowed Fellow
- (11) Hertz Foundation Fellow
- (12) Inst. Alta Cultura (Portugal) Fellow
- (13) Kennedy Foundation Fellow
- (14) Research Foundation São Paolo
- (15) IBM Fellow

PERSONNEL

Undergraduate Students (continued)

Miller, Christopher J.	Pomerance, Brenda	Spitzer, Peter G.
Moss, Peter J.	Pong, Willie	Stautner, John P.
Moy, Danny	Potter, James E.	Trammel, Kevin G.
Nedzel, Alexander E.	Rhymes, Jill A. R.	Trapp, Stephen M.
Nguiakaramahawongse, Piya	Richard, Stephen M.	Velasquez, Roberto
Noble, Robert H.	Ruby, Douglas S.	Wainger, Mark D.
Offner, Kurt W.	Ruotolo, Bruce R.	Weinrib, Abel
Osofsky, Michael S.	Sachs, Josef T.	Wexler, Ronald M.
Parks, Lee	Seligson, Daniel A.	Wolinsky, Murray A.
Photopoulos, Constantine	Serabyn, Eugene	Wynn, Terry
Pierce, Samuel C.	Shapiro, Finley R.	Yearwood, Orville C.
Piet, Steven J.	Silverston, Gary	Yundt, George B.
Pless, Benjamin D.	Smith, Neil	Zimmerberg, Morris
	Sperber, Berndt R.	

Administrative Staff

Amdur, Alice S.	Duffy, Donald F.	Keyes, Richard V., Jr.
Bella, Charles J.	Hewitt, John H.	McCarthy, Barbara L.

Support Personnel

Aalerud, Robert W.	Gay, Harry D.	McDowell, Patricia L.
Alpert, Melvin	Gonzalez, Manuel T.	Mitchell, Joseph E.
Audette, Alfred G.	Grande, Esther D.	Muollo, Ralph E.
Barron, Gladys	Gray, Barbara J.	Muse, William J.
Barrows, Francis W.	Guberman, Joseph	Nelson, Sylvia A.
Bayer, Terry A.	Hall, Kyra M.	North, Donald K.
Bella, Rose Carol	Hamilton, William H.	O'Brien, Neva M.
Bunick, Frank J.	Hartweg, Erika A.	Pastore, Anthony J.
Cabral, Manuel, Jr.	Holcomb, A. Linnea	Peck, John S.
Cahill, Joyce H.	Hughes, Martin O.	Peters, Nancy M.
Carter, James M.	Iannaccone, Lois	Poynor, Charles A.
Chase, Arbella P.	Jones, Elizabeth L.	Rettman, Kenneth F.
Clarke, Emerson L.	Kaloyanides, Venetia	Rice, Diana D.
Clements, Donald A.	King, Eugenie M.	Riley, Joseph F.
Collier, M. Helene	Kodish, Hedy S.	Scalleri, Mary S.
Connolly, John T.	Kopf, Cynthia Y.	Serini, Ann G.
Cook, John F.	Latzko, Victoria	Sharib, George
Doucette, Wilfred F.	Lauricella, Deborah A.	Sianez, Yolanda G.
Durlach, David	Lauricella, Virginia R.	Sincuk, Joseph, Jr.
Eccles, Miriam R.	Leach, George H., Jr.	Smith, Clare F.
Edelman, Monica E.	Lewis, Ionia D.	Tarpinian, John O.
Ferolito, Virginia P.	Liljeholm, Frederick H.	Taylor, Martha L.
Fitzgerald, Edward W., Jr.	Lorden, Gerald J.	Tortolano, Antonio J.
Foster, Stella J.	Lorusso, Catherine	Webster, Janet L.
Fownes, Marilyn R.	Lory, Barbara B.	Wilker, Bonnie A.
Garabieta, Ignacio	Lyll, Neena	Young, George R.
	Mastovsky, Ivan	