

PERSONNEL

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

Internal Advisory Committee

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

Professors

Adler, Richard B.	Hale, Kenneth L.	O'Neil, Wayne A.
Allen, Jonathan	Halle, Morris	Oppenheim, Alan V.
Allis, William P.*	Harris, James W.	Peake, William T.
Barrett, Alan H.	Harvey, George G.*	Penfield, Paul, Jr.
Bekefi, George	Haus, Hermann A.	Pershan, Peter S. ‡
Bers, Abraham	Ingard, Uno K.	Pomorska, Krystyna
Birgeneau, Robert J.	Ippen, Erich P. ‡	Porkolab, Miklos
Bose, Amar G.	Jakobson, Roman*	Proakis, John ‡
Burke, Bernard F.	Kennedy, Robert S.	Ross, John R.
Chen, Sow-Hsin	Keyser, Samuel J.	Schreiber, William F.
Chomsky, A. Noam	King, John G.	Siebert, William M.
Coppi, Bruno	Kiparsky, R. Paul V.	Smith, Henry I.
Dupree, Thomas H.	Kleppner, Daniel	Smullin, Louis D.
Eden, Murray †	Kyhl, Robert L.	Staelin, David H.
Edgerton, Harold E.	Lee, Francis F.	Stevens, Kenneth N.
Ezekiel, Shaoul	Lettvin, Jerome Y.	Strandberg, Malcolm W. P.
Fodor, Jerry A.	Lidsky, Lawrence M.	Weiss, Thomas F.
Frishkopf, Lawrence A.	Litster, J. David	Wolff, Peter A.
Gyftopoulos, Elias P.	McCune, James E.	Zimmermann, Henry J.
	Morgenthaler, Frederic R.	

Associate Professors

Baggeroer, Arthur B.	Gupta, Madhu S.	Pritchard, David E.
Blessner, Barry A.	Joannopoulos, John D.	Shapiro, Jeffrey H.
Braida, Louis D.	Kastner, Marc A.	Sigmar, Dieter J. †
Bresnan, Joan W.	Kong, Jin Au	Troxel, Donald E.
Fonstad, Clifton G., Jr.	McClellan, James H.	Willemain, Thomas R.
Garrett, Merrill F.	Oman, Charles M.	Young, Ian T.
	Politzer, Peter A.	

Assistant Professors

Chu, Flora Y-F.	Myers, Philip C.	Staley, Ralph H.
Lim, Jae S.	Salour, Michael M.	Warde, Cardinal
McFeeley, F. Read	Scaturro, Louis S.	Waxman, Stephen D.
Muehlner, Dirk J.		Wright, Edward L.

*Emeritus

†Absent

‡Visiting

PERSONNEL

Senior Research Scientists

Durlach, Nathaniel I.
Klatt, Dennis H.

Principal Research Scientists

Colburn, H. Steven
Melngailis, John

Lecturers

Bourk, Terrance R.
Piankian, Robert A.
Searle, Campbell L.

Postdoctoral Fellows

Allen, Margaret R.
Eddington, Donald K.
Florentine, Mary S.
Freidin, Robert A.

Goldstein, Louis M.
Gruberg, Edward R.
Hosford, Hollis L.
Lau, Ying-Tung

Ohde, Ralph N.
Plotkin, George M.
Stephens, Peter W.
Thompson, Carl L.

Research Staff

Antonsen, Thomas M., Jr.
Barrett, John W.
Basu, Bamandas
Becker, Christopher H.
Berman, Robert H.
Burns, Edward M.
Coleman, John W.
Cyr, James A.
Diamond, Patrick H.
Driver, Richard D.
Edwards, Bruce E.
Ely, Douglas J.
Englade, Ronald C.
Fisch, Nathaniel J.
Fitzgerald, Edward W.
Freeman, Dennis M.
Gonzalez, Manuel T.
Guinan, John J., Jr.
Havey, Mark D.
Henke, William L.

Hershcovitch, Ady
Houtsma, Adrian J. M.
Hunnicuttt, M. Sharon
Jarrell, Joseph A.
Juppe, Denise L.
Kenyon, Peter T.
Kiang, Nelson Y. S.
Kierstead, John D.
Ko, Kwok C.
Krapchev, Vladimir B.
Kulp, John L., Jr.
Littman, Michael G.
Mark, James W-K.
McCarthy, John J.
McIlrath, Michael B.
McKenzie, John A.
Papa, D. Cosmo
Perkell, Joseph S.
Perlmutter, David M.
Phillips, William D.

Platzker, Aryeh
Portnoff, Michael R.
Raymond, Stephen A.
Reed, Charlotte M.
Roberts, David H.
Rosenkranz, Philip W.
Rosenthal, Stanley J.
Sen, Abhijit
Shao, Michael
Sharky, Nazih N.
Sher, Stephanie E.
Sorensen, John M.
Tetreault, David J.
Tsang, Leung
Walker, Edward C. T.
Way, Kermit R.
Weaver, James C.
Yuen, Horace P. H.
Zimmerman, Myron L.
Zue, Victor W.

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Visiting Scientists and Guests

Berent, Gerard P.
Blumstein, Sheila E.
Brown, Fielding
Cerrillo, Manuel V.
Chase, Sheila
Choppy, Christine E.
Crampton, Stuart J. B.
Davidov, Dan
Ducas, Theodore W.
Eguchi, Takeo
Granstrom, Björn A. A.
Hohlfeld, Robert G.
Hopps, John H., Jr.
Horn, Paul M.
Jacobsen, Edward H.

Leiber, Justin
McKay, Graham R.
Metcalf, Harold J.
Migliulo, Stefano
Mills, Allen W.
Morales-Mori, Alejandro
Nahvi, Mahmood J.
Nicola, Carlo U.
O'Neil, Thomas M.
Patel, Vithalbhia L.
Pegoraro, Francesco
Peterson, Peter G.
Pisoni, David B.
Pollack, Irwin

Pollock, Jean Y.
Ram, Abhay K.
Rizzi, Luigi
Singh, Rajendra
Snitzer, Elias
Solberg, Myrl
Spielfiedel, Annie
Suen, Ching Y.
Tai, James H. Y.
Takemoto, Sohei
Taraldsen, Knut T.
Villalon, Maria Elena
Williams, Katherine L.
Woolford, Ellen M.
Zaidi, Haider R.

Research Affiliates

Altmann, David W.
Barlow, John S.
Brill, Michael H.
Bullowa, Margaret
Chu, Ruey-Shi
Cooper, William E.
Crist, Alan H.
Djermakoye, Boucar
Dowdy, Leonard C.
Franklin, David
Grimshaw, Jane B.
Grosjean, François

Hamilton, William H.
Hausler, Rudolph G.
Huggins, A. W. F.
Kfoury, Denis J.
Kocsis, Jeffery D.
Laferrriere, Martha
Makhoul, John I.
Marr, Elizabeth M.
Menn, Lise
Menyuk, Paula
Miller, Joanne

Moslin, Barbara J.
Mulroy, Michael J.
Newman, Eric A.
Painter, Colin
Rabinowitz, William M.
Scharf, Bertram
Schultz, Martin C.
Shattuck-Hufnagel, Stefanie
Shillman, Robert J.
Steffens, David A.
Stern, Richard M., Jr.
Wacks, Kenneth P.

Instructors

Lysy, Dusan G.

Research Assistants

Aeppli, Gabriel
Ali, Ali D.
Allen, Barry R.
Anderson, Hope
Aoun, Joseph
Baltin, Mark R.
Bar-Yam, Yaneer
Baumann, William T.
Bennett, Charles L.
Bigelow, Timothy S.
Bishop, Robert P.
Borer, Hagit
Boutros-Ghali, Teymour

Brewer, Laurence R.
Brunner, Timothy A.
Buckley, Robert R.
Bunza, Geoffrey J.
Burg, Richard I.
Burzio, Luigi
Bustamante, Diane K.
Buxton, Richard B.
Carlson, Lauri H.
Cassel, Alan L.
Castro Neto, Jarbas C.
Caulfield, Michael F.
Cavoulacos, Panayotis E.
Chan, David S. K.

Chang, Frank Tze-pu
Cheng, Rowley L.
Chew, Weng C.
Chuang, Shun-Lien
Dames, Lisa
Damon, Richard S.
Dana, Stephane S.
Davis, James L.
Delgutte, Bertrand
Dolan, Peter V.
Dove, Webster P.
Duncan, David B.
Eisman, Neil M.

PERSONNEL

Research Assistants (continued)

Filreis, James	Khan, Malik M. A.	Rotenberg, Joel
Fisher, Alan S.	Khan, Muhammad A.	Rubin, Steven I.
Fisher, Jay L.	Kinney, Brian M.	Ruiz, Antonio
Fulton, Scott P.	Kirsch, Steven T.	Safinya, Cyrus R.
Garcia-Barreto, J. Anthony	Klinkowstein, Robert E.	Safir, Kenneth J.
Gee, Caroline	Krasner, Michael A.	Sanders, Glen A.
George, Leland M.	LaBombard, Brian L.	Sayers, Michael J.
Giansiracusa, Robert S.	Laird, Bruce G.	Schein, Barry A.
Gierszewski, Paul J.	Lapatovich, Walter P.	Schloss, Robert P.
Glasser, Lance A.	Laughlin, Robert B.	Schneps, Matthew H.
Goldhor, Richard S.	Lawrence, Charles R.	Seneff, Stephanie
Goldstein, Stephan C.	Ledsham, William H.	Serri, John A.
Goldstein, Ursula G.	Leibovic, Stephen	Shanfield, Stanley R.
Green, Robert W.	Lekach, Ann F.	Shefer, Ruth E.
Greenfield, Perry E.	Lieber, Rochelle	Shin, Robert H.
Hackel, Richard P.	Marshall, Terence H.	Simpson, Jane H.
Hackett, Kirk E.	Matson, Mark D.	Sjoblom, Todd
Hansman, Robert J., Jr.	Mauel, Michael E.	Smith, Neil
Harris, David B.	McCarthy, John J., III	Sotomayor-Diaz, Orlando
Haschick, Aubrey D.	McKinstry, Mark L.	Spencer, William P.
Hastings, Daniel E.	Mele, Eugene J.	Sportiche, Dominique
Hawryluk, Andrew M.	Migdall, Alan L.	Stancil, Daniel D.
Haynes, William E.	Mook, Douglas R.	Steriade, Donca
Heiney, Paul A.	Moskowitz, Philip E.	Stone, David S.
Hinshelwood, David	Musicus, Bruce R.	Stowell, Timothy A.
Ho, Ping Tong	Nash, David G.	Tebyani, Mahmoud
Hoang, Phuong-Quan	Nawab, Syed H.	Tekula, Miloslav S.
Holtzman, Samuel	Orenstein, Joseph W.	Tench, Robert E.
Holz, Michael K.	Ostler, Nicholas D.	Theilhaber, Kim S.
Horowitz, Peter N.	Paik, Woo Hyun	Timp, Gregory L.
Huang, Cheng-Teh J.	Palevsky, Alan	Toldalagi, Paul
Hulet, Randall G.	Peterson, Patrick M.	Tom, Victor
Hutchinson, Joseph E.	Peuse, Bruce W.	Vaidyanathan, A. Ganesh
Ingria, Robert J.	Picard, Leonard	Van Bockstaele, Nathalie
Jaeger, William P.	Pollard, William R.	Vlannes, Nickolas P.
Jaeggli, Osvaldo A.	Putnam, Roger S.	Wager, Janet S.
Johnson, Marjorie S.	Quatieri, Thomas F., Jr.	Walkup, Robert E.
Jones, Frederick A.	Ratzel, John N.	Wang, Paul Chih-Chiow
Jones, Joseph L.	Richards, Burton	Wright, Peter V.
Jones, Roger W.	Rochette, Anne	Yanover, Peter
Karp, Allan W.	Roemer, Peter B.	Yorker, Jeffrey G.
Kash, Kathleen	Rosen, Bruce R.	Zubizaretta, Maria L.
Kash, Michael M.	Ross, Warren S.	Zuniga, Michael A.

Teaching Assistants

Aspinall, John G.	Fratamico, John J.	Kim, Sei Hee
Carley, Larry R.	Gabriel, Kaigham J.	Kinman, Peter W.
Chao, Yao-Ming	Garber, Edward M.	Kinney, John B.
Coate, David E.	Haagens, Randolph B.	Lamel, Lori F.
Cogswell, Kurt D.	Hakimi, Farhad	Misra, Subarna L.
Cox, Charles H.	Hu, James V.	Moss, Peter J.
Ezzedine, Amin K.	Ito, Yoshiko	Odette, Louis L.
Falco, Emilio E.	Kappes, Manfred M.	Pachtman, Arnold
Forbes, Alan R.	Keshner, Marvin S.	Shapiro, Daniel G.

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Teaching Assistants (continued)

Sherman, Howard B.	Simmons, Earl L.	Vatan, Pirooz
Short, William R.	Smith, Andrew P.	Wang, Karl L.
Sianez-Gutierrez, Jorge	Sugiyama, Linda E.	Yap, Daniel
Simmons, Diane C.	Ulicheny, Robert A.	Zicker, William L.
	Vallerga, John V.	

Other Graduate Students

Abrams, Mark M.	Daly, John J. (7)	Hayes, Monson H.
Al-Agil, Ibrahim (1)	Davis, Mark F. (12)	Hemmer, Philip R. (6)
Alsip, Douglas H. (2)	Davis, Robert W.	Hendrick, Randall (21)
An, Nguyen Huu	DeGennaro, Steven V. (3)	Herring, James S. (22)
Atkinson, Russell R.	Diamond, Patrick H. (13)	Hicks, Bruce L.
Awwad, Ahmad A.	DiLeo, Anthony (3)	Hizanidis, Kyriakos
Baden-Kristensen, K. (3)	Duckworth, Gregory L. (6)	Holford, Stephen K. (23)
Baghaei, Hossain	Dyckman, Howard L.	Holton, Thomas (3)
Baghail Anaraki, Mehran	Englander, Irvin S.	Hoover, Gerald L. (7)
Bass, Lawrence P. (4)	Epstein, Charles L. (3)	Howard, Iris A.
Benson, Priscilla J.	Ferreira, Antonio (14)	Howland, Bradford (3)
Boghosian, Bruce M. (5)	Filreis, James	Ingram, David C. (24)
Bondurant, Roy S.	Fisher, Arthur D.	Jacobs, Kenneth D. (25)
Bordley, Thomas E. (6)	Frezza, William A. (3)	Jan, Darrell L. (3)
Boucher, Ronald E. (6)	Garel, Keith C., Jr. (15)	Janos, Alan C.
Breckenridge, Janet M. (6)	Garner, Geoffrey M. (6)	Johnston, Mark D.
Bridges, Charles R., Jr.	Gersh, John R. (16)	Kaplan, Martin C. (6)
Burzinski, Nancy J. (7)	Gifford, Margaret L. (3)	Karakawa, Masayuki
Bush, Marcia A. (3)	Goldberg, Jack	Kare, Jordin T.
Bussolari, Steven R. (3)	Goldwasser, Samuel M. (9)	Kegl, Judy Ann (26)
Castineyra, Isidro M. (8)	Golub, Howard L. (3)	Kinman, Peter W.
Chen, Francine R. (9)	Graham, Michael R. (12)	Knowlton, Kenneth F. (13)
Chidakel, David W. (3)	Grass, Robert W.	Kopec, Gary E. (16)
Chiu, King-Wo	Green, James F.	Krause, Larry G. (27)
Clements, Mark A. (3)	Green, Robert E. (17)	Krc, Glen D. (16)
Coderch, Marcel F. (10)	Grimes, Donald L. (3)	Kuklinski, Theodore T. (12)
Coln, Michael C. (6)	Habashy, Tarek M. (18)	Kuperstein, Michael
Concia, Rodolfo C. (11)	Hagelstein, Peter L. (16)	Kurkjian, Andrew L. (27)
Cooley, John J.	Haller, Rudolf F. (19)	LaMaster, Peter V. (7)
Cooper, David E.	Hammond, Evelyn M. (20)	Lang, Jeffrey H.
Curlander, Paul J. (6)	Hayes, Bruce P. (6)	Lang, Stephen W. (16)

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|--|--------------------------------------|
| (1) Saudi Arabian Government Fellow | (15) Jamaica Scholarship |
| (2) U. S. Coast Guard | (16) Hertz Foundation Fellow |
| (3) NIH Trainee | (17) Western Electric Fellow |
| (4) Lincoln Laboratory Fellow | (18) TAP Fellow |
| (5) ERDA Trainee | (19) Rotary Foundation Fellow |
| (6) NSF Fellow | (20) Xerox Corporation Fellow |
| (7) Bell Laboratories Fellow | (21) UCLA Support |
| (8) Venezuelan Government Fellow | (22) Babcock & Wilcox Company Fellow |
| (9) IBM Fellow | (23) American Lung Association |
| (10) ITP Foundation Fellowship (Spain) | (24) National Consortium Fellow |
| (11) Argentine Navy Scholarship | (25) M. I. T. Endowed |
| (12) RLE Industrial Fellow | (26) Collamore-Regsy Award |
| (13) M. I. T. Karl T. Compton Fellow | (27) Schlumberger Fellow |
| (14) Brazilian Government Fellow | |

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Other Graduate Students (continued)

Lattes, Ana Luisa	Misaki, Yo	Rosen, Stuart M. (1)
LeDoux, David C. (1)	Mishra, Sudhindra N. (8)	Rubenstein, Kenneth
Levinstone, Donald S. (2)	Mohanan, Karuvannar (9)	Rymer, Joseph P. (1)
Levitt, David A. (3)	Myung, Nam-Soo	Salieri, Paolo (14)
Linden, Lynette L. (2)	Nakai, Jun (10)	Sclove, Richard E.
Linebarger, Marcia	Nedzel, Alexander E.	Scott, Steven D. (1)
Linnell, James S. (3)	Neidle, Carol Jan	Sinha, Ravi P.
Lo, Chi Cheung	Noterdaeme, Jean-Marie (11)	Sharpe, Randall B. (3)
Lowe, Calvin W.	Novich, Neil S. (1)	Siegel, Ronald A. (2)
Lucherini, Silvia L.	Ordubadi, Afarin	Smith, David A.
Luepton, Richard M. (2)	Otsu, Yukio (12)	Smith, Robert L. (1)
Lynch, Thomas J., III	Otten, Gillis R.	Spitzer, Peter G.
Lynn, Charles W.	People, Roosevelt (3)	Stella, Michel G. (15)
Machado-Mata, Jesus A. (4)	Perley, Christopher R.	Stiefel, Michael D.
Malik, Naveed A. (5)	Pesetsky, David (1)	Teich, Jonathan M. (16)
Marable, William P. (6)	Peynado, Esteban	Thiersch, Craig L. (17)
Marantz, Alec (1)	Picheny, Michael A. (2)	Thomas, Clarence E. (18)
Martinez, David R.	Pierrehumbert, Janet M. (1)	Uchanski, Rosalie M. (2)
Marzetta, Thomas L. (7)	Piet, Steven J. (13)	Uchikawa, Takasi (19)
McClurken, Michael E. (2)	Potok, Robert E.	Uppal, Jack S.
McLeod, Kenneth J.	Pratt, Stephen G.	Violette, J. P.
McManamy, Thomas J.	Razdow, Allen M.	Wang, Bingseng (4)
Merab, André A.	Rice, John E.	Wiegner, Allen W.
Miranker, Glen S.		Yip, Moira J.

Undergraduate Students

Abbas, Fazal	Campbell, James G.	Davidson, Hoyt
Aghamohammadi, Abbas	Cathey, William D.	Dillon, Robert F.
Amenyo, John T.	Celentano, Andrew	Doherty, Mary Jo
Armstrong, Brian S. R.	Chapman, Joseph W.	Dowla, Farid Ud
Basa, Frank E.	Cheung, Byron C.	Dudley, Gary J.
Bauer, Steven M.	Chin, Richard W.	Dugal, Raymond L.
Bodziak, Dennis	Christopher, Lauren A.	Dunlay, James J.
Boisvert, Joseph C.	Chua, Eugene	DuPree, Michelle D.
Bradley, Stephen G.	Connor, Michael R.	Eastman, Clarke K.
Bramson, Gabriel	Coppersmith, Susan N.	Egido, Carmen
Breen, Barry N.	Coyle, Christopher W.	Epstein, Gerald L.
Brooks, Elizabeth B.	Crane, David A.	Evans, Frank J.
Brzustowicz, Michael A.	Crouse, Steven J.	Fahey, Randall E.
Bugnacki, Philip	Daniels, Diana L.	Finlay, William M.
Calvert, Kenneth L.	Danly, Martha	Fisher, Joan F.

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|--|--|
| (1) NSF Fellow | (12) Japanese Society for Promotion of Science |
| (2) NIH Trainee | (13) DOE Trainee |
| (3) Bell Laboratories Fellow | (14) Rotary Foundation Fellow |
| (4) Grass Instrument Company Fellow | (15) Tel. France Scholarship |
| (5) Quaid-E-Azem Scholarship | (16) Hertz Foundation Fellow |
| (6) National Consortium Fellow | (17) Danforth Foundation Fellow |
| (7) Vinton Hayes Fellowship | (18) General Electric Corporation Fellow |
| (8) Hindustani Aero Ltd. Fellow | (19) Mitsubishi Elec. Corporation Fellow |
| (9) Ford Foundation Fellow | |
| (10) Sony Corporation Fellowship | |
| (11) Belgian American Educational Foundation | |

PERSONNEL

Undergraduate Students (continued)

Forrest, John W.	Linder, Stephen P.	Sachere, Andrew B.
Friedman, Seanna M.	Lindsay, Herbert M.	Schafer, Mark E.
Gallagher, David T.	Lipkin, Michael D.	Schiller, Jeffrey I.
Gawne, Timothy J.	Lipowski, Joseph T.	Schultz, Kenneth I.
Gels, Robert G.	Loke, Aaron N.	Schwartz, Andrew M.
Giordano, Lou V.	Luna, Joel J.	Serabyn, Eugene
Goldstein, Richard D.	Macklis, Jeffrey D.	Sheck, Maury A.
Gottschalk, Paul G.	Maddox, Willie B.	Shroff, Laura J.
Haiman, Mark D.	Mamon, Gary A.	Sierra, Paul R.
Halmos, Maurice J.	Mark, David G.	Simonoff, Steven C.
Harrison, James	Mathis, Larry J.	Smith, Arnold J.
Hawley, James T.	Mathis, Lisa G.	Smith, Ted Allen
Hayden, John A.	Mayhew, Gregory L.	Sobalvarro, Patrick G.
Hebert, Gary D.	McDermott, F. Scott	Spohrer, James C.
Heinrichs, Richard M.	McGrath, William R.	Stall, Robert S.
Hemphill, Richelieu D.	McKillop, Gerard R.	Stautner, John P.
Herrati, Messaoud	Millar, David R.	Stetser, Christopher H.
Hind, James C.	Minicucci, Stephen	Stolow, Marjorie L.
Hoberman, Barry A.	Mittleman, Richard K.	Stornetta, W. Scott
Hoffman, Ron M.	Mok, Yu-Ngai	Strong, Allen L.
Holmes, Joseph	Moy, Danny	Thompson, David H.
Huber, Martin E.	Murray, James R.	Tjho, Jong-Kie
Hudson, T. David	Naber, Mark R.	Tobias, Scott D.
Hui, Alex Chi-ming	Nagode, Louis A.	Tohir, David L.
Hui, Wai-Ki	Neese, Margaret L.	Trammel, Kevin G.
Isnardi, Michael	Ngai, Philip	Tricamo, Maria
Jaffe, Esther P.	Nguyen, Trung Tien	Valicenti, Richard K.
Johnson, Leonard	Niessner, Steven A.	Vogel, Richard M.
Johnson, Tim R.	Nowitzky, A. Mark	Waibel, Alexander
Kamentsky, Lee D.	Oparah, George	Wainger, Mark D.
Kare, Jordin T.	Osofsky, Michael S.	Waldo, Peter J.
Kesselman, Joseph J., Jr.	Pan, Kelly M.	Walling, Juaquin L.
Klevorn, Joseph D.	Persichetti, Arthur M.	Wan, Hansel H-M.
Klipper, Esther P.	Petek, Bojan	Weiner, Ruth
Knowles, Daniel C.	Pong, Willie	Weinrib, Abel
Kosta, Daniel H.	Quinn, David A.	Welland, David R.
Krieg, Kenneth R.	Qureshi, Umar	Wexler, Ronald M.
Kulp, Barry D.	Ramsey, William L.	Whitaker, Norman A., Jr.
Kunin, Richard D.	Reistroffer, Kirk	Williams, Douglas D.
Kurtz, Russell M.	Reynolds, Robert A.	Willet, Robert L.
Lau, Edmund C.	Richard, Stephen M.	Wolinsky, Murray A.
Lavelle, Gary J.	Richardson, John W.	Woodbury, Peter R.
Lee, Joseph Sing	Rohlicek, Robin J.	Yeh, Danny Lo-Tien
Lee, Thomas E.	Rotman, Stanley R.	Yie, Charles D.H.
Lewis, Wayne L.	Roxlo, Charles B.	Yorifuji, Kazuhiko
Liebermann, Jerrold D.	Ruby, Douglas S.	Yundt, George B.
Linder, Barry J.	Russo, Carlo R.	Zimmerberg, Morris A.

Administrative Staff

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

PERSONNEL

Support Personnel

Aalerud, Robert M.
Alpert, Melvin
Barkei,Carolyn J.
Barron, Gladys
Barrows, Francis W.
Bella, Rose Carol
Bunick, Frank J.
Cabral, Manuel, Jr.
Carter, James M.
Chase, Arbella P.
Clarke, Emerson L.
Clements, Donald A.
Cook, John F.
Davco, Robert J.
Doucette, Wilfred F.
Eccles, Miriam R.
Edelman, Monica E.
Edelstein, Sherry
Fang, Li
Ferolito, Virginia P.
Foster, Stella J.
Fownes, Marilyn R.
Garabieta, Ignacio
Grande, Esther D.
Griswold, Marsden P.

Guberman, Joseph
Hall, Kyra M.
Halverson, Michele
Hartweg, Erika A.
Holcomb, A. Linnea
Hughes, Martin O.
Hussey, Barbara J.
Kaloyanides, Venetia
Kaminer, Brian
Kodish, Hedy S.
Kopf, Cynthia Y.
Latzko, Victoria
Lauricella, Deborah A.
Lauricella, Virginia R.
Lavalle, Edward R.
Leach, George H., Jr.
Lewis, Ionia D.
Lorden, Gerald J.
Lorusso, Catherine
Lyall, Neena
Lydon, Catharine A.
Lynch, Linda L.
Mastovsky, Ivan
McDowell, Patricia L.

Mengis, Miranda M.
Mitchell, Joseph E.
Morrison, William A.
Muollo, Ralph E.
Muse, William J.
Nelson, Sylvia A.
Nickerson, John C.
North, Donald K.
Pastore, Anthony J.
Peck, John S.
Peters, Nancy M.
Poynor, Charles A.
Rettman, Kenneth F.
Rice, Diana D.
Scalleri, Mary S.
Sharib, George
Sianez, Yolanda G.
Sincuk, Joseph, Jr.
Singer, Lori E.
Smith, Clare F.
Sporcic, Kathy
Stephens, Bonnie W.
Taylor, Martha L.
Taylor, Vicky-Lynn
Thompson, Joy C.