

CURRICULUM VITAE

June Kan-Mitchell, Ph.D.

Office Address: 4-128 Biological Sciences Building
500 W. University Avenue
El Paso, TX 79968

Telephone: (915) 747-5581

FAX (915) 747-5808

e-mail jkanmitchell@utep.edu

Home Address: 6324 Calle Pino Way
El Paso, TX 79912

Home Telephone: (915) 760-4475

Cell Telephone: (915) 491-7934

PERSONAL DATA:

Born: June 3, 1949, Hong Kong
Married: Malcolm S. Mitchell, M.D.
Child: Ian Douglas, b. 1987

EDUCATION:

1968–71 Smith College, Northampton, MA
B.A. *cum laude*
Honors in Biochemistry, Dr. George de Villafranca
1971– 77 Yale University School of Medicine, New Haven, CT
Ph.D. in Pharmacology
Dr. William H. Prusoff
1977 – 78 Yale University School of Medicine, New Haven, CT
Postdoctoral Fellowship in Immunology
Dr. Malcolm S. Mitchell

FACULTY APPOINTMENTS:

1978 – 79	Research Scholar in Microbiology, University of Southern California (USC) School of Medicine, Los Angeles, CA
1979 – 81	Research Associate in Microbiology, USC School of Medicine
1981 – 89	Assistant Professor of Research Microbiology, USC School of Medicine
1989 – 90	Assistant Professor of Pathology, USC School of Medicine
1990 – 94	Associate Professor of Pathology, USC School of Medicine
1994 – 98	Associate Adjunct Professor of Pathology, University of California San Diego School of Medicine, La Jolla, CA
1999 – 2005	Associate Professor of Pathology (tenure-track), Immunology and Microbiology and the Karmanos Cancer Institute, Wayne State University (WSU) School of Medicine, Detroit, MI
2005 – 07	Professor (with tenure) of Immunology and Microbiology and the Karmanos Cancer Institute, WSU School of Medicine
2007 –	Professor (with tenure) of Biological Sciences, The University of Texas at El Paso, El Paso, TX
2013	Research Leadership Faculty Fellowship, UTEP

MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

1984 –	American Association for Cancer Research
1985 –	American Association of Immunologists, Federation of the Associations of Experimental Biology
1987 –	Society for Biological Therapy
1988 –	Association for Research in Vision and Ophthalmology
2000 –	American Society of Gene Therapy

HONORS:

1968 – 71	Full Academic Scholarship, Smith College
1968 – 71	Dean's List and First Group Scholar, Smith College
1971	Sigma Xi
1968 – 71	National Science Foundation Undergraduate Research Fellowship, Smith College
1978 – 81	NIH NCI Individual Postdoctoral Fellowship
2000	Listed as a Best Teacher in Who's Who Among America's Teachers, 2000 .

SERVICE:**1. Professional consultation****Public agencies, foundations and professional associations**

1992-99	Scientific Advisor, The Lucy Adams Research Foundation, Los Angeles, CA
1990–	American Melanoma Foundation, Los Angeles and San Diego, CA, Founding Board Member (1990–99); Honorary Board Member (1999–)
1990	Member, NIH NEI Retinal Program Subcommittee, Cancer Section
1990	Consultant, NIH NCI Cancer Vaccine Workshop
1992	Consultant, Department of Veterans Affairs, Career Development Board, Ann Arbor, MI
1992– 99	Consultant, NIH/Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA)
2006	Consultant, American Institute of Biological Sciences (AIBS), National Academy of Sciences

State committees

1992 – 97	State Legislative Committee of California, American Association of Cancer Research
2008 – 09	Co-Chair with Dr. Roy S. Herbst, University of Texas System Clinical Trials Working Group
2009	Executive Committee to develop proposal for the Statewide Clinical Trials Network of Texas (CTNet) for submission to the Cancer Prevention and Research Institute of Texas (CPRIT)
2011 –	Council of Principal Investigators, CTNet, CPRIT

National scientific review committees

1987 – 89	NIH NCI Special Review Committee (<i>Cancer Therapeutics Program Projects (P01)</i>)
1989	Veterans Administration Merit Review Board (Medical Research Service)
1992	Department of Veterans Affairs, Career Development Board, Ann Arbor, MI
1992	NIH NCI Special Review Committee (<i>Clinical Correlative Studies in Solid Tumors</i>)
1992	NIH NCI Special Review Committee (<i>Intermediate Endpoints and Their Modulation by Chemopreventive Agents</i>)
1994	National Academy of Science Study Section (<i>Serological Markers for Breast Cancer</i>)
1996	NIH NCI Study Section (<i>Cancer Center Support Grants (P30)</i>)

1997 – 98	NIH NCI Special Review Committee (<i>Cancer Therapeutics Program Projects (P01)</i>)
1998 – 99	NIH NCI Special Emphasis Panel (<i>Cancer Immunology Program Projects (P01)</i>)
2000 – 04	NIH NIAID VACC Special Emphasis Panel (<i>Vaccines for Infectious Diseases</i>)
2000 – 01	Department of Defense Congressionally Directed Medical Research Programs (DOD CDMRP) Study Section (<i>Breast Cancer Immunological Sciences</i>)
2002 – 05	NIH NCI Special Emphasis Panel (<i>Cancer Immunology Program Projects (P01)</i>)
2003 – 08	DOD CDMRP Study Section (<i>Prostate Cancer Immunological Sciences</i>)
2003 – 04	NIH NCRR Special Emphasis Panel (<i>Centers of Biomedical Research Excellence (COBRE) (P20)</i>)
2004 – 07	NIH NIAID Study Section (<i>Vaccines for Infectious Diseases, VACC</i>), Permanent Member
2004 – 07	Susan Komen Breast Cancer Foundation (<i>Tumor Biology III</i>)
2006	NIH NCRR Special Emphasis Panel (<i>Centers of Biomedical Research Excellence (COBRE) (P20)</i>)
2006	Senior Investigator Grant Applications, Alliance for Cancer Gene Therapy, Inc.
2007	The Wellcome Trust, United Kingdom, Research Training Fellowship
2007	Alliance for Cancer Gene Therapy, Inc., Young Investigator Grant Applications
2007	NIH NIDCR Special Emphasis Panel (<i>Oral Mucosal Vaccination against HIV Infection (R01)</i>)
2008	NIH NIDCR Special Emphasis Panel (<i>Interdisciplinary Research on Oral Manifestations of HIV/AIDS in Vulnerable Populations (P01)</i>)
2008	NIH NIAID Special Emphasis Panel (<i>Signaling During Viral Infection (P01)</i>)
2008	NIH NIDCR Special Emphasis Panel (<i>Osteoimmunology– Crosstalk between Immune System and Bone (R01)</i>)
2008 – 10	Scientific Peer Review Committee, Susan G. Komen Race for the Cure Foundation (<i>Immunotherapies</i>), Permanent Member
2009	NIH NCI Tumor Cell Biology Special Emphasis Panel (<i>Clinical Oncology (R01)</i>)
2009	NIH NIAID Study Section (<i>Vaccines for Infectious Diseases, VACC (R01)</i>)
2009	DOD CDMRP Study Section (<i>Breast Cancer Immunological Sciences</i>)
2010	Susan G. Komen Race for the Cure, Scientific Peer Review Committee (<i>Postdoctoral Fellowships</i>), Chair
2010	NIH NIDCR Special Emphasis Panel (<i>Metagenomic Evaluation of Oral Polymicrobial Disease (R01)</i>)
2010	NIH NIDCR Study Section (<i>Oral Mucosal Vaccination against HIV Infections (R01)</i>)

2010, 11	Susan G. Komen Race for the Cure (<i>Breast Cancer CCR-Trans, CCR-Trans2 and CCR-Basic Study Sections</i>)
2011	DOD CDMRP Study Section (<i>Breast Cancer, Idea and Postdoctoral Grants-Endocrinology/Immunology</i>)
2011	NIH NIAID Special Emphasis Panel (<i>Innate and Adaptive Responses as Guide to HIV Vaccine Design (P01)</i>)
2011, 12	NIH NIAID Special Emphasis Panel (<i>Centers for AIDS Research (CFAR) (P30)</i>)
2011, 12	NIH NIAID Special Emphasis Panel (<i>Fellowships for Training in AIDS and AIDS-related Research (F30, F31, F32, and F33)</i>)
2012	NIH NIAID Special Emphasis Panel (<i>Fellowships for Training in AIDS and AIDS-related Research (F30, F31, F32, and F33)</i>), Acting Chair
2012	NIH NIAID Special Emphasis Panel (<i>Center for HIV Vaccine Immunology and Immunogen Discovery (CHAVI-ID) (U01)</i>)
2012	NIH NIAID Special Emphasis Panel (<i>Partnerships for Development of Vaccine Technologies (R01)</i>)
2012, 13	NIH NIAID Special Emphasis Panel (<i>Member Conflict: HIV/AIDS Immune Response and Vaccines (R01, R21)</i>)
2013	NIH NIAID Special Emphasis Panel (<i>Multidisciplinary Studies of HIV/AIDS and Aging (R01)</i>), Standing member (Mar, July, Nov)
2013	NIH NIAID Special Emphasis Panel, Stage I review (<i>NIAID Centers of Excellence in Translational Research (CETR) (U19)</i>)
2014	NIH NIAID Special Emphasis Panel (<i>Innovation for HIV Vaccine Discovery (R01)</i>)
2011-12, 2014	NIH Special Emphasis Panel (<i>Center for AIDS Research (P30)</i>)
2014	NIH NIAID Special Emphasis Panel (<i>US-South Africa HIV Collaborative Research Award (R01, R21)</i>)
2009-2014	NIH NIAID Special Emphasis Panel (<i>HIV Vaccine Research and Design Program (HIVRAD) (P01)</i>)
2013-2015 July	NIH NIAID Special Emphasis Panel (<i>HIV and Aging (R01)</i>) (Mar/July/Nov)

Private enterprise (consultant)

1992-95	Abbott Laboratories, Chicago, IL
1997	Biogen, Seattle, WA
1998	Oncogene, Seattle, WA
1995, 99	Amgen Laboratories, Thousand Oaks, CA
2001	Genstar, San Diego, CA

Private enterprise (co-founder)

1999 Co-Founder, Allegro, Incorporated, Wilmington, DE

2. Editorial

Associate editor

1985 – 91 Journal of Clinical Laboratory Analysis
1989 – 95 Human Antibodies and Hybridomas
1990 – 92 Vaccine Research
1993 – 97 Cancer Immunology and Immunotherapy
2009 HIV/AIDS - Research and Palliative Care

Reviewer

1986 – Cancer Research
1987 – Hybridoma
1988 – Cancer
1990 – European Journal of Cancer
1993 – The American Journal of Pathology
1994 – Investigative Ophthalmology and Visual Sciences
1994 – Ophthalmology
1996 – Nature
1996 – Science
1996 – Gene Therapy
2004 – Journal of Immunological Methods
2006 – Nature Medicine
2007 – European Journal of Immunology
2008 – Viral Immunology
2009 – Veterinary Research, Journal of Immunology
2010 – Expert Review of Proteomics
2012– Journal of Acquired Immunodeficiency Syndromes
Human Vaccines and Immunotherapeutics
Journal of Virological Method
2013– Journal of Visualized Experiments
AIDS Research and Human Retroviruses

3. Other professionally related services

Organizing committee

- 1990 Advisory Board, *First International Congress on Human Antibodies and Hybridomas*, Orlando, FL
- 1992 Advisory Board, *Second International Congress on Human Antibodies and Hybridomas*, Queen's College, Cambridge, UK
- 2011 – 12 *Viruses from Nature*, 2012 McLaughlin Symposium, University of Texas Medical Branch and the Western Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research (WRCE), Galveston, TX
- 2012 *Cancer Vaccine Conference*, San Diego, Arrowhead Publishers and Conferences, Minneapolis, MN

Faculty search committee

- 2009 Faculty search in Infectious Diseases, Department of Biological Sciences, UTEP, El Paso, TX
- 2013 Associate Vice President of Research, Office of Research and Sponsored Projects, UTEP
- 2013 Chair search, Department of Biological Sciences, UTEP
- 2010 – 11 Faculty search, Center of Excellence for Infectious Diseases, Texas Tech University Health Science Center, Paul L. Foster School of Medicine, El Paso, TX

Referee for promotion at other institutions

- 1997 Dr Takami Sato, promotion to Associate Professor of Medicine, Thomas Jefferson University School of Medicine, Philadelphia, PA
- 1997 Dr. James Bading, promotion to Associate Professor of Radiology, University of Southern California School of Medicine, Los Angeles, CA
- 2008 Dr. Velpandi Ayyavoo, promotion to Associate Professor of Infectious Diseases and Microbiology, University of Pittsburgh Graduate School of Public Health, PA
- 2008 Dr. Peter Goedegebuure, promotion to Associate Professor, Washington University School of Medicine, Department of Surgery, St. Louis, MO
- 2010 Dr. Gayathri Devi, promotion to Associate Professor of Surgery, without tenure, Duke University, Department of Surgical Sciences, Durham, NC
- 2013 Dr. Velpandi Ayyavoo, promotion to Professor of Infectious Diseases and Microbiology, University of Pittsburgh Graduate School of Public Health, PA

University service**University of Southern California School of Medicine (1978 to 1994)**

1982 – 93	Melanoma Site Team
1987 – 93	Medical School Admissions Committee
1988 – 91	Scientific Council
1988 – 90	Review Committee, Robert E. and May R. Wright Foundation
1990 – 93	Wright Foundation, ad hoc reviewer
1989 – 93	Medical Faculty Women Association, Professional Development Committee
1991 – 93	Medical Faculty Women Association, Nominating Committee
1993	Medical Faculty Women Association, Grant Review Committee
1991 – 94	Appointments and Promotions Committee, Department of Pathology
1991 – 94	Faculty Appointments and Promotions Committee, representative from Pathology
1992 – 93	Cancer Committee, Doheny Eye Institute
1992 – 94	Norris Cancer Center Scientific Committee for the American Cancer Society Institutional Research Grant

University of California San Diego School of Medicine (1995-1999)

1995 – 99	Faculty Senate for Appointments and Promotions
1997 – 99	Associated Health Professions Education Committee
1997 – 99	Medical Student Recruitment and Admissions Committee
1997 – 99	Participating Faculty, Molecular Pathology of Cancer Training Program

Karmanos Cancer Institute, Wayne State University School of Medicine (1999-2007)

2000 – 03	Karmanos Cancer Institute Protocol Review Committee
2001 – 05	Member of Virology Group, Department of Microbiology and Immunology
2001 – 03	HIV/AIDS Translational Research Working Group
2001 – 06	Interviewer for Cancer Biology Doctoral Candidates
2001 – 03	Board Member, Commission on the Status of Women
2001 – 02	Faculty, Physician-Scientist Training Program (Robert P. Lisak, M.D.)

The University of Texas at El Paso (2007-present)

2008 – 10	Co-Chair, University of Texas System Clinical Trials Working Group
2007 – 10	Faculty Search Committees (Infectious Diseases), Border Biomedical Research Center

4a. Teaching (formal lectures)University of Southern California School of Medicine (1978 to 1994)

- 1988 – 92 Norris Cancer Institute Research Seminar Series.
- 1990 – 94 Postdoctoral Graduate Course, *Laboratory Techniques*, Department of Pathology.

University of California San Diego School of Medicine (1994-1999)

- 1997 – 99 Undergraduate Seminar Series, *Introduction to T Cell Specific Immunity and Immunotherapy*.
- 1998 – 99 Department of Pathology, Graduate Course, *Molecular Pathology of Cancer: Biology of Dendritic Cells and Antitumor Immunity, Treatment of Human Malignancies*.
- 1998 – 99 Faculty, NIH Institutional National Research Service Award (*Molecular Pathology of Cancer Training Grant*, P.I., Gernot Walter)

Wayne State University School of Medicine (1999 to 2007)

- 2000 – 07 Cancer Biology Program, Journal Club, Fall and Winter Semesters
- 2000 – 07 Year 2 Immunology/Microbiology/Infectious Diseases Course, Department of Microbiology and Immunology
- 2001 – 07 IBS7090 Biomedical Immunobiology/IM7010 *Fundamentals of Immunology*, Department of Microbiology and Immunology
- 2001 – 07 IM7450 *Vaccines*, Department of Microbiology and Immunology
- 2001 – 03 *Virology Research Group*, Department of Microbiology and Immunology
- 2001 – 03 *HIV/AIDS Working Group*, Departments of Medicine and Microbiology and Immunology
- 2001 – 07 Mentor, *Summer Student Research Program*, Karmanos Cancer Institute
- 2001 – 03 Mentor, *Minority High School Science Education Program*
- 2001 – 02 Faculty, *NIH Physician-Immunologist Training Program* (Dr. Michael Simon)

The University of Texas at El Paso (2007 to present)

- 2007 – 13 Biology 5323/5325/5326, *Advances in Immunological Concepts*, Biology Graduate Course, Spring Semester
- 2007, 2013-15 Biology 4198, 4298, 4398, *Special Problems*, Undergraduate Research Training
- 2008, 2012 Biology 5301, *Select Advanced Topics*, Biology Graduate Course, Fall Semester
- 2011, 13, 14 Biology 5326, *Advances in Immunology Concepts, Focus on Vaccine Development*, Biology Graduate Course, Spring Semester
- 2011 – 13 Biology 5130, *Human and Translational Immunology*, Biology Graduate Course, Fall Semester
- 2014 Biology 4192, Senior Seminar, Fall Semester

2015 Biology 4395, Topics in Biology, *Theory and Practice of Vaccine Design for Pandemics, Bioterrorism Threat, and Emerging Diseases (HIV, Influenza, Weaponized Smallpox, Ebola, and Rift Valley Fever Virus)*, Spring Semester

4b. Supervision of junior faculty research

1991 – 93 James Bading, Ph.D., Assistant Professor (tenure track), Nuclear Medicine, University of Southern California (USC) School of Medicine

2007 – 13 Janelle R. Salkowitz, Ph.D., Research Assistant Professor, The University of Texas at El Paso (UTEP)

2009 – 14 WeiDong Xu, Ph.D., Research Assistant Professor, UTEP

2010 – 12 Xiaolei Tang, M.D., Ph.D., Research Assistant Professor, UTEP

2010 – 10 M. Hanief Sofi, Ph.D., Research Assistant Professor, UTEP

2014 – 15 Eduardo Huarte, Ph.D., Research Assistant Professor, UTEP

4c. Supervision of postdoctoral fellows and research associates

1985 – 87 Silvia C. Formenti, M.D., Postdoctoral Fellow, USC School of Medicine

1987 – 90 Jeff T. Hutchins, Ph.D., Postdoctoral Fellow, USC School of Medicine

1990 – 97 XiuQing Huang, M.D., Postdoctoral Fellow, USC School of Medicine and University of California San Diego (UCSD))

1991 – 93 Lin LeMay, M.D., Ph.D., Postdoctoral Fellow, USC School of Medicine

1993 – 95 Heng Wang, M.D., Ph.D., Postdoctoral Fellow, USC School of Medicine and UCSD

1995 – 98 Felicita Baratelli, M.D., Postdoctoral Fellow, UCSD

1999 – 01 Michal Bereta, Ph.D., Sr. Research Associate, Wayne State University (WSU) School of Medicine

1999 – 00 Wenhua Piao, M.D., Postdoctoral Fellow, WSU School of Medicine

1999 – 02 Brigida Bisikirska, Ph.D., Postdoctoral Fellow, WSU School of Medicine

1999 – 00 Alberto Wainstein, M.D., G.I. Surgeon, WSU School of Medicine

1999 – 00 Ana Wainstein, M.Sc., Graduate Trainee, WSU School of Medicine

2000 – 03 Alexey Glazyrin, M.D., Research Associate, WSU School of Medicine

2001 – 02 Lapta Ganesan, M.D., Fellow, Infectious Diseases, WSU School of Medicine

2001 – 01 Mohammad Amjad, Ph.D., Research Associate, WSU School of Medicine

2001 – 03 Ramakrishna Hegde, Ph.D., Postdoctoral Fellow, WSU School of Medicine

2002 – 04 Ting Hua Cao, Ph.D., Postdoctoral Fellow, WSU School of Medicine

2009 – 14	Feng Jiao, Ph.D., Research Associate, UTEP
2012 – 13	Margaret C. Costanzo, Ph.D., Postdoctoral Fellow, UTEP
2012 – 14	Fahim Ahmad, Ph.D., Postdoctoral Fellow, UTEP
2013 – 14	Amna Siddiqui, Ph.D., Postdoctoral Fellow, UTEP
2013 – 04	Ron Sarkar, Ph.D., Postdoctoral Fellow, UTEP
2014 – 15	Aaron B. Reeve, Ph.D.,
2014 –	Nadine Gehre, Ph.D.

4d. Supervision of predoctoral students

1992	Yajing Yu, USC School of Medicine
1993	Sheree AiChien Ting-Berreth, USC School of Medicine
2001-06	Keri Schaubert, Immunology, WSU School of Medicine, Thesis research adviser
2003-04	Teri Lund, Cancer Biology, WSU School of Medicine, Thesis research adviser
2002	Hillary McDonald, First Year Immunology, WSU School of Medicine, Winter rotation
2002	Quinn Parks, First Year Immunology, WSU School of Medicine, Spring rotation
2004	David Craig, First Year Cancer Biology, WSU School of Medicine, Spring and Summer rotations
2005	Allen Arnold, First Year Cancer Biology, WSU School of Medicine, Spring rotation
2005	Taba Amuzegar, First Year Immunology, WSU School of Medicine, Spring rotation
2007 – 11	Margaret C. Costanzo, Biology, UTEP, Thesis research adviser
2007	Elizabeth Salazar, First Year Biology, UTEP, Fall rotation
2009	Benjamin Hidalgo-Roman, M.Sc. Biology, UTEP
2009 – 12	Luis Valdes Rodriguez, University of Havana, Cuba, Research advisor
2009 – 12	L. Albert Venegas, Postbaccalaureate student, St. Edward's University
2009 – 12	Stacey Moreno, Postbaccalaureate student, UTEP

4e. Supervision of medical students

1991 – 1994	Christopher Uchiyama, M.D.Ph.D./Ph.D., thesis committee, USC School of Medicine
1992	Patricia Dalton, thesis adviser, USC School of Medicine
1994	Frances Chavez, thesis committee, UCSD School of Medicine

1995	Sharam Rhashid, thesis committee, UCSD School of Medicine
1997	David Sykes, MD.Ph.D., Ph.D. committee, UCSD School of Medicine
1997	Khan Nguyen, thesis committee, UCSD School of Medicine
2006	Jeffrey Semensky, MD/Ph.D. Student, WSU School of Medicine, Thesis adviser

4f. Supervision of undergraduates and high school students

1989	Fiona Lewis, Brunell University, UK, M.Sc. thesis adviser
1990 – 92	William Liu, University of California Berkeley, summer research adviser
1993 – 94	Brent Yanke, University of Pennsylvania, M.Sc. thesis adviser
1994	Victor Liao, UCSD, semester research adviser
1997	Tricia Michels, Harvard College, summer research adviser
1997 – 98	Kathleen To, UCSD, Regents Scholar, research adviser
1997 – 98	Hoa Bui, UCSD, Mentoring Program for Exceptionally Talented Freshmen, mentor and academic adviser
1997 – 99	Maureen Ibanez, UCSD, Howard Hughes Program, academic and undergraduate research adviser
1997 – 98	Ya-Li Yang, UCSD, Howard Hughes Program, undergraduate research adviser
1997 – 98	Lien Tran, UCSD, Howard Hughes Program, undergraduate research adviser
1998 – 99	Tammy Chan, UCSD, Howard Hughes Program, undergraduate research adviser
1998 – 99	Ronald Smith, UCSD, Howard Hughes and Academic Enrichment Programs, mentor and research adviser
1999	Sejal Patel, WSU, undergraduate research adviser
1999 – 00	Justin Mays, WSU, undergraduate research adviser
2000 – 01	Dmitry Nicholavsky, University of Detroit-Mercy, undergraduate research adviser
2001	Mark Mohammadi, WSU, undergraduate research adviser
2001	Mohammed Uddin, WSU, undergraduate research adviser
2001	Tercia Hill, Martin Luther King High School, Detroit, Minority High School Science Education Program, WSU, summer mentor
2001	Grace Chuang, Lahser High School, Bloomfield Hills, Summer Internship, Karmanos Cancer Institute Graduate Program in Cancer Biology, summer mentor
2002	Kerry Murphy, WSU, work-study student, research adviser
2003	Prakash Vempati, John Hopkins University, Department of Defense Summer Internship
2004	Rachel Vonck, Michigan Technical University, Department of Defense Summer Internship
2005	Rachel Klein, University of Michigan, Department of Defense Summer Internship

2005 – 06	Yousef Kaid, WSU Special Study Program, mentor
2006	Justin Trauben, University of Michigan, research adviser
2006	Michelle Florence Jackson, WSU School of Pharmacy, research adviser
2007 – 08	Olga Herrera, NSF Research Experience for Undergraduate Program, UTEP, research adviser
2008	Gregory Gordon, Freshman, UTEP, research adviser
2009	Mercy Uwakwe, Freshman, UTEP, research adviser
2013	Kenda Trujillo, Junior, UTEP, Research advisor
2014	Marah Hamdan, Sophomore, UTEP, research advisor
2015	Arthur R Gallegos, Senior, UTEP, research advisor
2015	Daniel A Salas, Senior, UTEP, research advisor
2015	Janelly Villalobos, Senior, UTEP, research advisor

GRANT SUPPORT:**Current**

NIH NIAID 1 R01 AI102663 – 01, *Effector and Regulatory Activities of HLA-E-restricted HIV-specific $\alpha\beta$ CD8 T Cells*, Total direct costs, \$1,400,000, 8/2012 – 7/2016, Kan-Mitchell J (P.I.)

Pending

NIH NIAID R21, *HIV-specific CTL Exhaustion at Immunological Synapse*, Total direct costs, \$129,189, 9/2015 – 8/2017, Dongfang Liu (P.I.) (Kan-Mitchell J, Subcontract P.I.)

Previous (as Principal Investigator)

NIH NCI 5F32 CA006319-03, *Study of Macrophage Membrane Proteins by Iodination*, \$180,000, 1980 – 85.

NIH NCI 1R23 CA029738-01, *Macrophage Membrane and Immunomodulators*, \$126,000, 1981 – 84.

NIH NCI 1R01 CA043220-01A1, *Tumor Antigens Defined by Human Monoclonal Antibodies*, \$300,000, 1987 – 90.

NIH NEI 1R01 EY009031-01, *Cytolytic T Cells In Uveal Melanoma*, \$508,573, 1989 – 92.

NIH NEI 1R01 EY009427-01, *S100 Proteins in Normal and Malignant Uveal Melanocytes*, \$512,632, 1991 – 95.

Lucy Adams Foundation, *Uveal Melanoma Vaccine Development*, \$280,000, 1992 – 99.

Amgen Corporation, *Effect of Stem Cell Factor on the Expansion, Differentiation and Functions of Dendritic Cells from Mobilized Precursors*, \$30,300, 1997 – 98.

NIH NIAID 7R21 AI044372-02, *Lentivirus Transduced Dendritic Cells for HIV Vaccines*, \$300,000, 1999 – 01.

NIH NIDA R43 DA15212, *Mimic Peptides of HIV-1 Epitopes as Vaccines*, Subcontract, Total direct costs, \$300,000, 2001 – 03.

Michigan Life Sciences Center Phase I, *Mimic Peptides of Human T Cell Epitopes as HIV Vaccines* (MLSC 1659), Total direct costs, \$513,000, 2001 – 06.

Department of Defense (DOD), *Development of Superagonist Mimics to Epitopes Defined by Cytotoxic and Helper T Cells*, Total direct costs, \$433,862, 2002 – 06.

National Institute of Drug Abuse (NIH NIDA), *Mimic Peptides of HIV-1 Epitopes as Vaccines*, Phase I SBIR (R43 DA15212-02) Subcontract, Total direct costs, \$266,700, 2004 – 06.

NIH NCI (Image-Guided Intervention Supplement Award to Cancer Centers and SPOREs, 2P30 CA022453-24, Ruckdeschel, J (P.I.), *Cryo-Immunotherapy for Renal Cell Cancer Metastases*, Total direct costs, \$500,000, 2006 – 07.

NIH NIAID 1R01 AI064069-01, *Optimizing Gag CTL Epitopes to Improve Immunogenicity*, Total direct costs, \$2,341,366, 5/01/2006 – 4/30/2012 (no cost extension), Kan-Mitchell J (P.I.)

NIH NIAID 1U54 AI 057156, *Region VI Center for Biodefense and Emerging Infections*, Total direct costs, \$378,312, 04/23/2009 – 09/04/2014, Walker DH (P.I.). Subproject, *Toward Defining Protective Human T-cell Epitopes in Rift Valley Fever Virus*, Total direct costs, \$240,000, 09/01/2009 – 08/31/2011, Kan-Mitchell J (P.I.)

NIH NIAID 1R01 AI064069-01S1, *Optimizing Gag CTL Epitopes to Improve Immunogenicity, Diversity Supplement, Support for a doctoral candidate (Margaret C. Costanzo)*, Total direct costs, \$155,593, 5/16/2008 – 4/30/2012 (no cost extension), Kan-Mitchell J (P.I.)

NIH NIAID 1R01AI077413-01S1, *Diversity Supplement, Support for a doctoral candidate (Luis Rodriguez Valdes): Mapping Novel Subdominant B*5701 Epitopes in Conserved Regions of the HIV Proteome*, Total direct costs, \$123,334, 4/20/2010 – 8/31/2012, Kan-Mitchell J (P.I.)

NIH NIAID 1U54 AI 057156S1, *Region VI Center for Biodefense and Emerging Infections (WRCE), Walker, DH (P.I.). Toward a Universal Rickettsial Subunit T Cell-Based Vaccine, Diversity Supplement, Support for post baccalaureate research scholar (Stacey Moreno)*, Total direct costs, \$138,793, 09/01/2009 – 08/31/2011, Kan-Mitchell, J (P.I.)

National Multiple Sclerosis Society PP1685, *Mapping Functional Qa-I Epitopes in Myelin Proteins*, Total direct costs, \$50,000, 06/01/2011-05/31/2012, Tang XL (P.I.), Kan-Mitchell, J (Co-investigator)

NIH NIAID 1R01 AI077413-01S1 *Mapping Novel Subdominant B*5701 Epitopes in Conserved Regions of the HIV Proteome, Research Supplement to Promote Diversity in Health Related Research, Support for post baccalaureate research scholar (Albert Venegas)*, Total direct costs, \$146,411, 09/2009 – 08/2012, Kan-Mitchell, J (P.I.).

NIH NIAID, 1R01AI077413-01, *Mapping Novel Subdominant B*5701 Epitopes in Conserved Regions of the HIV Proteome*, Total direct costs, \$2,315,683, 9/1/2008 – 8/31/2014 (no cost extension), Kan-Mitchell J (P.I.)

NIAID/NIH 1 R01 AI 102663– 01, *Effector and Regulatory Activities of HLA-E-restricted HIV-specific $\alpha\beta$ CD8 T Cells*, Total direct costs, \$1,400,000, 8/01/2012 – 7/30/2016, Kan-Mitchell J (P.I.)

Previous (as Co-Principal Investigator; most were translational studies in collaboration with an M.D. as P.I.)

NIH NEI, R01, *Radiation/Hyperthermia Therapy for Choroidal Melanoma*, \$622,180, 1990 – 94, P.E. Liggett, P.I..

NIH NCI, 7R01CA057846-02, *Melanoma-Associated Epitopes Recognized by Human T-cells*, \$473,523, 1993 – 97, M.S. Mitchell, P.I..

State of California Breast Cancer Research Program-, *Defining Epitopes of c-erb-B2/neu in a Mouse Breast Cancer Model*, \$450,000, 1995 – 98, T. Kipps, P.I.

State of California Breast Cancer Research Program, *T Cell Immunotherapy of Human Breast Cancer*, \$211,430, 1996 – 98, M.S. Mitchell, P.I..

State of California Breast Cancer Research Program, *Breast Cancer Immunotherapy Using CD4 Lymphocytes*, \$400,000, 1998 – 00, M.S. Mitchell, P.I..

NIH NCI, *Institutional National Research Service Award, 'Molecular Pathology of Cancer Training Grant'* (Predoctoral and Postdoctoral Students), \$895,000, 1998 – 03, G. Walter, P.I..

PUBLICATIONS:

1. Original articles in refereed journals

1. Kan, J. Modulation of the molecular contractile reactions of purified actomyosin from the striated muscles by tropomyosin and paramyosin. Honors Thesis, Smith College, 1971.
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PATENT:

U.S. Patent Serial Number 09/384,719, Use of Lentiviral Vectors for Antigen Presentation in Dendritic Cells, (Filed August 27, 1999), Inventors: F. Wong-Staal, J. Kan-Mitchell, and X. Li.

Invited talks:

“HIV-1 Prophylactic Vaccine – Insights into the CD8 HIV-1-specific T Cell Repertoire from In Vitro Immunization”, IMIM-Institut Hospital del Mar d’Investigacions Mèdiques, Doctor Aiguader 88, 08003 Barcelona, October 10th, 2013.

“HIV Immunopathogenesis and Gene Therapy Symposium, December 9th 2013. Texas Tech Paul Foster School of Medicine, El Paso, 2013.