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EDUCATION:

1984 Ph.D. Biochemistry, University of Strathclyde,
Glasgow, Scotland

ACADEMIC APPOINTMENTS:

2010-2015 Co-Director for CFAR, University of Miami Miller
School of Medicine, Fl. USA

2010-2015 Professor of Medicine, Department of Medicine,
Division of Infectious Diseases, University of Miami
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2010-2015 Professor of Medicine, Department of Microbiology
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Medicine, Fl. USA

2010-2015 Professor of Medicine, Department of Cell Biology,
University of Miami Miller School of Medicine, Fl. USA

1998 - 2010 Director, Center for AIDS Research, University of
Massachusetts Medical School, Worcester, MA. USA

- 1995 - 2010** Professor and David Freeland Chair of AIDS Research, Program in Molecular Medicine, University of Massachusetts Medical School, Worcester, MA. USA
- 1993 - 1995** Professor and Regents Named Chair, Dept. of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, NE. USA
Adjunct Professor, Eppley Institute for Cancer Research and Allied Diseases, Omaha
- 1991 - 1993** Associate Professor with tenure, Department of Pathology & Microbiology, University of Nebraska Medical Center, Nebraska
- 1990 - 1991** Visiting Staff Scientist, Division of Virology, National Institute for Medical Research, Mill Hill, London, United Kingdom
- 1987 - 1990** Assistant Professor, Department of Pathology & Microbiology, University of Nebraska Medical Center
- 1986 - 1987** Instructor, Department of Pathology & Microbiology, University of Nebraska Medical Center
- 1984 - 1986** Postdoctoral Research Associate, Department of Pathology & Microbiology, University of Nebraska Medical Center

PUBLICATIONS:

1. Stevenson, M., Baillie, A.J., Richards, R.M.E. An in-vitro model of intracellular bacterial infection using the murine macrophage cell line J774.2. *J. Pharm. Pharmacol* :90-94, 1983.
2. Stevenson, M., Baillie, A.J., Richards R.M.E. Enhanced activity of Streptomycin and Chloramphenicol against intracellular Escherichia coli in the J774 macrophage cell line mediated by liposome delivery. *Antimicrob. Agents. Chemother.* 24:742-749, 1983.
3. Stevenson, M., Baillie, A.J., Richards, R.M.E. Quantification of uptake of liposomal carboxyfluorescein by professional phagocytes in-vitro. A flow microfluorimetric study on the J774 murine macrophage cell line. *J. Pharm. Pharmacol.* 36:824-830, 1984.

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11. Dewhurst, S., Stevenson, M., Sakai, K., Bresser, J., Evinger-Hodges, M.J., Volsky, D.J. Susceptibility of human glial cells to infection with human immunodeficiency virus (HIV). *FEBS Lett.* 213:138-143, 1987.
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13. Stevenson, M., Zhang, X-H, Volsky, D.J. Downregulation of cell surface molecules during noncytopathic infection of T cells with human immunodeficiency virus. *J. Virol.* 61:3741-3748, 1987.
14. Dewhurst, S., Stevenson, M., Volsky, D.J. Expression of glial fibrillary acidic protein in human glial cell lines as detected by molecular hybridization. *Acta Neuropathol* 213:133-137, 1987.

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105. Passaes CP, Cardoso CC, Caetano DG, Teixeira SL, Guimarães ML, Campos DP, Veloso VG, Babic DZ, Stevenson M, Moraes MO, Morgado MG. Association of single nucleotide polymorphisms in the lens epithelium-derived growth factor (LEDGF/p75) with HIV-1 infection outcomes in Brazilian HIV-1+ individuals. *PLoS One*. 2014 Jul 21;9(7):e101780. doi: 10.1371/journal.pone.0101780. eCollection 2014. PubMed PMID: 25047784; PubMed Central PMCID: PMC4105638

106. Massanella M, Ouchi D, Marfil S, Llibre JM, Puertas MC, Buzón MJ, Richman DD, Orna E, Stevenson M, Gatell JM, Domingo P, Negro E, Martinez-Picado J, Clotet B, Blanco J. Different Plasma Markers of Inflammation Are Influenced by Immune Recovery and cART Composition or Intensification in Treated HIV Infected Individuals. PLoS One. 2014 Dec 2;9(12):e114142. doi: 10.1371/journal.pone.0114142. eCollection 2014. PubMed PMID: 25462535.
107. Côrtes FH, Passaes CP, Bello G, Teixeira SL, Vorsatz C, Babic D, Sharkey M, Grinsztejn B, Veloso V, Stevenson M, Morgado MG. HIV controllers with different viral load cut-off levels have distinct virologic and immunologic profiles. J Acquir Immune Defic Syndr. 2015 Jan 5. [Epub ahead of print] PubMed PMID: 25564106.
108. Rothenberger, MK , Keele , BF, Wietgreffe , SW, Fletcher, CV , Beilman, GJ , Chipman, JG , Khoruts ,A, Estes, JD , Anderson, J , Callisto, SP , Schmidt, TE , Thorkelson, A , Reilly, C , Perkey, K , Reimann, TG , Utay , NS , Makamdop, KN , Stevenson, M , Douek, DC , Haase, AT , Schacker, TW. Large number of rebounding/founder HIV variants emerge from multifocal infection in lymphatic tissues following treatment interruption. Proc Natl Acad Sci U S A. 2015 Mar 10;112(10):E1126-34. doi: 10.1073/pnas.1414926112. Epub 2015 Feb 23. PubMed PMID: 25713386; PubMed Central PMCID: PMC4364237.

BOOK CHAPTERS:

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2. Purtilo, D.T., Stevenson, M. Lymphotropic viruses as etiological agents of lymphoma. Hematology/Oncology Clinics of North America. 5:901-923, 1991.
3. Stevenson, M. Identification of factors which govern HIV-1 replication in non-dividing cells. AIDS Res. Hum. Retroviruses 10:S11-S15, 1994.
4. Stevenson, M., Brichacek, B., Heinzinger, N., Swindells, S., Pirruccello, S., Janoff, E. and Emerman, M. Molecular Basis of cell cycle dependent HIV-1 replication in: Retroviruses of Human AIDS and Related Animal Diseases (eds: M. Girard and B. Dodet). Neuvieme Colloque des Cent Gardes), 127-134, 1994.

5. Swindells, S., Stevenson, M., and Gendelman, H.E. Newantiretrovirals: The non-nucleoside analog reverse transcriptase inhibitors. The AIDS Reader, 1994, 117-122.
6. Stevenson, M., Brichacek, B., Heinzinger, N., Swindells, S., Pirruccello, S., Janoff, E., Emerman, M. Molecular basis of cell cycle dependent HIV-1 replication: Implications for control of virus burden. Adv. Exp. Med. Biol. 374:33-45, 1995.
7. Gendelman, H.E. and Stevenson, M. Pathogenesis of HIV infection. In: AIDS and Other Manifestations of HIV Infection, Third Edition. G.P. Wormser (ed) Raven Press Ltd., New York, NY (1998).
8. Stevenson, M. and O'Brien, W.A. Molecular Biology of HIV-1 in neurological and neuropsychiatric manifestations of HIV-1 infection. Gendelman, H.E., Lipton, S., Epstein, L. and Swindells, S. (eds.) Chapman and Hall, New York, NY, 1997.
9. Stevenson, M. Molecular mechanisms for the regulation of HIV replication, persistence and latency. AIDS. 11:S25-S33, 1997.
10. Janoff, E. N., Tasker, S. A., Stevenson, M., Rubins, J. B., O'Brien, J., Utz, G., Weiss, P., Hall, F. W. & Wallace, M. R. Immune activation and virologic response to immunization in recent HIV type 1 seroconverters. AIDS Research and Human Retroviruses 15, 837-845 (1999).
11. Stevenson, M. Lentiviral Vectors: Molecular Biology of Lentivirus-Mediated Gene Transfer. Trono, D. (ed.) Springer-Verlag, Berlin, Heidelberg, New York, 2002, pg 1-30.
12. Stevenson, M. The Human Immunodeficiency Virus: Novel HIV-1 Therapeutic Targets: Accessory Genes. Emini, E. (ed.) Princeton University Press, Princeton and Oxford, 2002, pgs. 328-383.

Sabbaticum Investigators:

1. Dr. Ilya Shapiro, Professor, Karolinska Institute, Stockholm, Sweden,
2. (1988, 1990, 1991)
3. Dr. Alice Bukrinskaya, Professor, Ivanovsky Institute of Virology, Moscow, Russia, (1991, 1992, 1993, 1994, 1995, 1996)
4. Dr. John Grealley, Chairman, Department of Pathology, University of Virginia, (1988)
5. Dr. Mauro Pistello, Associate Professor, University of Pisa, (2007)

ONGOING RESEARCH PROJECTS:

ACTIVE

5 R01 MH64411-14 (Stevenson) 09/29/96–07/31/11 1.20
calendar

NIH-NIMH \$207,551

Activation of CD40 by HIV and Role in AIDS Dementia

The main goals of this project are to identify neuronotoxins that are released from microglia in response to HIV infection.

Role: PI

5 RO1 RR011589-14 (Stevenson) 09/30/95 - 08/31/10 .90
calendar

NIH-DHHS \$318,386 (no cost extension)

Role of Monocytotropism in HIV/SIV Pathogenicity

The object of this proposal is to identify the role of macrophages in the mucosal transmission of primate lentiviruses.

Role: PI

2R01 AI032890-17 (Stevenson) 09/01/92-03/31/12 1.20 calendar
NIH-NIAID \$218,518

Cellular Co-Factors of HIV-1 Infection

The main goals of this project are to characterize cellular factors which regulate early events in the HIV-1 life cycle.

Role: PI

U19 MH81836-03 (Stevenson) 04/16/07-03/31/13 1.80
calendar

NIAID-NIMH \$1,030,575

Preclinical Development of HIV-1 Vif Antagonists

The main goals of this program project are to identify small molecule inhibitors of the HIV-1 Vif protein.

Role: PI

5 P01 AI074340-02 (T. Schacker) 09/30/08-08/31/13 1.80
calendar

University of Minnesota NIH-NIAID \$252,153

Molecular characterization of cryptic HIV-1 replication during HAART (Project 1)

This application will help to define the anatomical reservoir of cryptic viral replication in patients on HAART.

Role: PI Project 1

1R01AI087145-01 (Deeks) 09/26/09-08/31/11 .60
calendar

UCSF NIH-NIAID \$97,586

The impact of early antiretroviral therapy on HIV persistence and inflammation

The impact of early antiretroviral therapy on HIV persistence and inflammation. The object of this award made with ARRA funds is to examine the relationship between immune activation and viral replication in elite HIV controllers.

Role: Co-Investigator

Proposal # 37594 (Stevenson) 01/01/10-12/31/10 .24
calendar
Merck & Co., Inc. \$100,063

Pharmacokinetics of HIV-1 with the integrase inhibitor Raltegravir

This protocol will examine episomal cDNA during Raltegravir therapy.

Role: PI

1R21 AI088595-01 (Stevenson) 07/01/10-06/30/12 .60
calendar
DHHS-NIH-NIAID \$222,182

Exploring the role of Vif antagonists in preventing sexual HIV transmission

Role: PI

PENDING

NIH-NIMH (Stevenson) 6/01/11-12/31/15 1.80
calendar
NIAID \$314,800

The Role of Myeloid Cells in Viral Replication, Persistence and Neuroinvasion

Role: PI

MEMBERSHIPS:

American Association for the Advancement of Science
American Society for Virology
American Society for Microbiology
New York Academy of Sciences

AWARDS AND HONORS:

2008 Gertrude Elion Distinguished Lecturer Award
2004 Elected Fellow: American Association for the Advancement of Science
2003 Elected Fellow: American Academy of Microbiology
2000 National Institute of Health Merit Award
1999 Shipley Award Lecture, Harvard Medical School
1998 Recipient, David J. Freeland Memorial
Professorship in AIDS Research, University of Massachusetts Medical School

- 1993** Recipient, David T. Purtilo Chair of Pathology and Microbiology, University of Nebraska Medical School
- 1988** Recipient, Dean's Outstanding Investigator Award, University of Nebraska Medical School.

EXTRAMURAL ACTIVITIES:

- 2005 - Present** Adjunct Trustee, American Foundation for AIDS Research (amfAR) and Chair, amfAR Scientific Advisory Board.
- 2000 - Present** Scientific Advisory Board, Center for AIDS Research at University of California, San Diego and Emory University.
- 2006 - Present** Consultant, Merck Pharmaceuticals
- 2001 - Present** Core Faculty Member, International AIDS Society
- 2001 - Present** Scientific Advisory Board, Elizabeth Glaser Pediatric AIDS Foundation
- 1999 - Present** Scientific Advisory Board, Institute of Human Virology, Baltimore, Maryland
- 1998 - Present** Director, Center for AIDS Research, University of Massachusetts Medical Center
- 1998 - Present** Board of Trustees and Program Committee, National Conference on Retrovirus and Opportunistic Infections (C.R.O.I.), (Vice Chair 2002-2005, Chair 2005-2007)
- 1995 - Present** Associate Editor, AIDS Research and Human Retroviruses
- 1995 - 2006** Scientific Advisory Board, Research Institute for Genetic and Human Therapy (RIGHT)
- 1994 - Present** Member, NIH Office of AIDS Research (OAR) Scientific Overview Committee
- 1993 - 1998** Member, NIH AIDS ARR3 Study Section (Study Section Chair, 1996-1998)
- 1993 - 1996** Scientific Advisory Panel, Upjohn Company National Cooperative Drug Discovery program
- 1992 - Present** Scientific Program Committee, International AIDS Conference
- 1992 - 1995** Academic Associate, Nichols Institute, San Juan, Capistrano, California
- 1992 - Present** Peer Review Consultant, NIH/NIAID
- 1990** Consultant, Marion Merrell Dow, Inc., Kansas City, Missouri

1989 Consultant, Stracke Laboratories, Lincoln, Nebraska

Editorial:

2005 - 2008 Member, Editorial Board, Experimental Biology and Medicine (EBM)

2005 - Present Member, Editorial Board, Current Opinion in HIV and AIDS

1999 - Present Associate Editor, Current Molecular Medicine

1999 - Present Editorial Board, Journal of General Virology

1997 - Present Editorial Board, Journal of Human Virology

1996 - 2008 Editorial Board, Journal of Virology

1993 - 1995 Reviewer, International Science (Soros) Foundation

1993 - 1997 Reviewer, Canadian National Health Research and Development Program

1992 - Present Reviewer (ad hoc), Medical Research Council, London, United Kingdom

1991 - 1995 Section Editor, Viral Immunology

ACADEMIC EXPERIENCE:

Previous Postdoctoral Fellows/Associates:

Dr. Sheryl Haggerty (1989-1993)

Dr. Michael Bukrinsky (1990-1992):

Professor and Chair, Department of Microbiology, George Washington University

Dr. Andrzej Wasiak (1987-1992): Physician

Dr. Tatyana Pushkarskaya (1991-1992)

Dr. Siun-Ku Welch (1988-1989)

Dr. Nina Heinzinger (1992-1994)

Dr. Beda Brichacek (1993-2004): Staff Scientist, NIH

Dr. Anuja Ghorpade (1994-1995): Professor and Vice Chair, Department of Cell biology, North Texas Health Sciences Center

Dr. Roger Sleight (1996-1999): Director of Drug Development

Euroscreen S.A., Belgium

Dr. Jean-Marc Jacqué (1996-2006):

Assistant Professor, University College, Dublin

Dr. Catherine Swingler (1999-2006)

Dr. Jork Nolling (2004-2006)

Dr. Simon Swingler (1997-2008): Research Assistant Professor

Dr. Ruzena Stranska (2004-2010)

Dr. RajnishKaushik (2004-2010)

Current Postdoctoral Fellows/Associates:

Dr. Mark Sharkey (1995-present): Research Assistant Professor
Dr. Natasha Sharova (1991-present):
Dr. Francesc Cunyat (2010-present)
Dr. Moira Vignoles (2011-present)
Dr. Yuanfei Wu (2004-present)
Dr. DunjaBabic (2006-present)

Predoctoral Trainees:

Julie Gulizia, M.D./ Ph.D. Candidate (1996):
Assistant Professor, University of Nebraska Medical School
Li Guo, Ph.D. Candidate (1994)
Michael Dempsey, M.S. Candidate (1993)
Susan Speaks, M.D./Ph.D. Candidate (1995)
AtishGanguly, Ph.D. Candidate (1997-1999)
Lui Dai, Ph.D. Candidate (2004-2010)
Xiaonan Zhou, Ph.D. Candidate (2004-2010)
Patrick Younan, Ph.D. Candidate (2007-2010)
Laura Brandano, Ph.D. Candidate (2007-present)
Joana Monteiro, Ph.D. Candidate (2007-present)
Jennifer Rainho, Ph.D. Candidate (2010-present)
Tim Plitnick, Ph.D. Candidate (2011-present)
Viviane Machado, Ph.D. Candidate (2014-present)

SEMINARS AND PRESENTATIONS 2007-2011:

Jan' 07, Seminar Invitee, University of Glasgow, Scotland
Jan' 07, Seminar Invitee, Harvard University
Jan' 07, Seminar Invitee, Boston University
Feb '07, Virology Course Organizer, Federal University of Sao Paulo, Sao Paulo, Brazil
Feb '07, Seminar Invitee, University of California, Los Angeles, CA
March '07, Seminar Invitee, Merck Pharmaceuticals, West Point, PA
March '07, Conference Speaker, International HIV Nef Workshop, Venice Italy
April '07, Seminar Invitee, Emory University, Atlanta, GA
April '07, Seminar Invitee, University of Minnesota, Minneapolis, MN
May '07, Seminar Invitee, University of Philadelphia, Philadelphia, PA
June '07, Advanced Virology Course Participant, Salvador, Brazil
Aug. '07, Plenary Speaker, Immunurio, Rio de Janeiro, Brazil
Sept. '07, Seminar Invitee, University College of London, St. Mary's Hospital, London

Sept. '07, Seminar Invitee, University of North Carolina
 Oct. '07, Plenary Speaker, Brazilian AIDS Society, Santa Catarina, Brazil
 Oct. '07, Seminar Invitee, Boston College, Chestnut Hill, MA
 Oct. '07, Conference Speaker, International AIDS Workshop, Island of Capri, Italy
 Nov. '07, Conference Speaker, University of Barcelona, Spain
 Dec. '07, Conference Speaker, HIV Persistence Workshop, West Indies
 Feb. '08, HIV Pathogenesis Course Participant, Sao Paulo, Brazil
 March '08, Conference Speaker, Heidelberg, Germany
 April '08, Symposium Speaker, Duke University, Durham, NC
 April '08, Symposium Speaker, Emory University, Atlanta, GA
 May '08, Conference Speaker, Rome, Italy
 Aug. '08, IAS Conference Speaker, Mexico City, Mexico
 Aug. '08, Conference Speaker, Vienna, Austria
 Sept. '08, Conference Speaker, Orvieto, Italy
 Oct. '08, BHIVA Conference Speaker, London, England
 Nov. '08, Symposium speaker, Barcelona, Spain
 Dec. '08, Conference Speaker, San Juan, Puerto Rico
 Jan. '09, Seminar Invitee, University of Edinburgh, Scotland
 Jan. '09, Seminar Invitee, Dana-Farber Cancer Institute, Boston, MA
 Feb. '09, Conference Speaker, C.R.O.I., Montreal, Canada
 Feb. '09, Seminar Invitee, Boston College, Boston, MA
 Feb. '09, HIV Pathogenesis Course Participant, Sao Paulo, Brazil
 April '09, Conference Speaker, Milan, Italy
 May '09, Seminar Invitee, Philadelphia, PA
 May '09, R. Gallo Symposium Speaker, Baltimore, MD
 June '09, HIV Course Participant, Salvador, Brazil
 June '09, Seminar Invitee, University of Edinburgh, Scotland
 June '09, Seminar Invitee, University of Dundee, Scotland
 June '09, Seminar Invitee, Caledonian University, Glasgow, Scotland
 June '09, Seminar Invitee, Heriot-Wyatt University, Edinburgh, Scotland
 July '09, Seminar Invitee, SFI, Dublin, Ireland
 Dec '09, University of Miami, Miami, Florida
 Jan '11, University of Miami, Miami, Florida
 Jan '11, Seminar Invitee, Johns Hopkins University, Baltimore, MD
 Feb '11, Seminar Invitee, UC Davis, Tupper Hall, CA
 Mar '11, Conference Speaker, Sao Paulo, Brazil
 Mar '11, Conference Speaker, Paphos, Cyprus
 Apr '11, Seminar Invitee, University of Miami, Miami, Florida