

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Davies, Todd H.

eRA COMMONS USER NAME (credential, e.g., agency login): daviest

POSITION TITLE: Director of Research Development and Translation

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	Completion Date MM/YYYY	FIELD OF STUDY
Community College of the Air Force	A.A.	05/1995	A.G.E. Technologies
Wesley College	B.S.	05/1998	Biology
University of Toledo (Formerly Medical College of Ohio)	Ph.D.	05/2004	Medical Science

Please refer to the Biographical Sketch sample in order to complete sections A, B, C, and D of the Biographical Sketch.

A. Personal Statement

As the Director of Research Development and Translation I direct and manage the Marshall Clinical Research Center, a newly developed hub for clinical trial activity at Marshall. The Marshall Clinical Research Center is dedicated to bringing cutting edge clinical research and advanced care to Marshall and throughout rural West Virginia. In addition, I am charged with building translational protocols for research at Marshall and developing a rural research network throughout Central Appalachia. This research network brings together advanced care, community outreach and healthcare informatics. My background is diverse and includes a time in the military and assisting in the creation and development of 22 medical technology (predominantly Pharmaceutical and Healthcare IT) start-up companies before running a start-up, ADS Biotechnology, as its CEO. I specialize in program planning, trial development, data collection and trial operations.

For this project, I will be coordinating research activity and informatics through the Marshall Clinical Research Center.

B. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Positions and Employment

12/91- 08/95 Active Military Service (U.S.A.F)

08/03- 02/04 Post-Doctoral Fellowship, University of Toledo

02/04- 02/06 Post-Doctoral Fellow, University of Michigan, Department of Molecular and Integrative Physiology

02/06- 05/08 Commissioner of Economic Development, City of Toledo

05/08- 07/10 Business Development Manager, Rocket Ventures

07/08- 03/13 CEO, ADS Biotechnology, Ltd.

04/13- Director of Research Development and Translation and Assistant Professor Department of Internal Medicine, Joan C. Edwards School of Medicine, Marshall University, West Virginia.

Other Experience and Professional Memberships

1999 American Society for the Advancement of Science (Member)
1999 Federation of American Societies for Experimental Biology (Member)
2000 Endocrine Society (Member)
2004 BioOhio (Member)
2004 MichBio (Member)
2004 Society for Critical Care Medicine (Member)
2009 Drug Information Association (Member)

Honors

1999 Molecular Pathogenesis of Cancer Pre-Doctoral Fellowship
2003 NIH Endocrinology and Metabolism Post-Doctoral Fellowship
2004 NIH Individual Ruth Kirschstein Research Award

C. Contribution to Science

My early publications resulted from my graduate work in Glucocorticoid receptor protein effects on steroid signaling. We demonstrated the tetratricopeptid-repeat domain proteins are effected at an earlier stage of receptor signaling.

Davies TH, Ning Y.M., and Sánchez E.R. (2000): A new first step in the activation of steroid receptors: hormone-induced switching of FKBP51 and FKBP52. *JBC*. 277: 4597-600.

Davies TH and Sánchez E.R. (2005): FKBP52. *Int J Biochem Cell Biol*. 2005 Jan;37(1):42-7.

Davies TH, Ning Y.M., and Sánchez E.R. (2005): Differential control of glucocorticoid receptor hormone-binding function by tetratricopeptide repeat (TPR) proteins and the immunosuppressive ligand FK506. *Biochemistry*. 2005 Feb 15;44(6):2030-8.

My ongoing efforts are centered on research operations. Building systems for clinical trials that assure quality standards in data collection, allow for real-time auditing, create an avenue for efficient risk-based monitoring and improve efficiencies in the coordination of clinical trials regardless of location. These systems optimize physician involvement to increase patient safety and trial participation. At Marshall, we have demonstrated a remarkable increase in patient enrollment through such a system.

D. Research Support

UL1TR00011719 Kern (PI) 6/2012 – 6/2017
University of Kentucky Clinical and Translational Sciences Award
The goal of this award is to support research infrastructure and translational research collaboration among institutions.
Role: Contributor for Sub-Award

Rezulin Fund for Endocrinology Research, JCESOM at Marshall University 7/2014 – 7/2016
Targeted Education and Care for Diabetic Health – Gress (PI)
The goal of this project is to assess the effects of a cell phone technology intervention on patient self-management of diabetes and to examine inflammatory serum markers in relation to longitudinal glycemic control.
Role: Sub-I