

## ***BIOGRAPHICAL SKETCH***

NAME WHITNEY PETRIE		POSITION TITLE POSTDOCTORAL FELLOW	
INSTITUTION AND LOCATION	DEGREE (IF APPLICABLE)	YEAR(S)	FIELD(S) OF STUDY
University of New Mexico	B.A. ( <i>summa cum laude</i> )	2004	Bio-chemistry
University of New Mexico	PhD ( <i>with distinction</i> )	2008	Biomedical Sciences
University of California, Davis	Postdoc	9/2008	Mammary gland biology and breast cancer

### **Positions and Employment**

2002-2004 Undergraduate Honors research thesis, University of New Mexico, College of Pharmacy  
 2005-2008 PhD candidate, University of New Mexico, Department of Cell  
 Biology and Physiology  
 2008-Current Post Doctoral Fellow, University of California Davis, Department of Animal  
 Science

### **Honors**

First Prize Award in the Category of Biology and Biochemistry. Sponsored by the Profound Program. First  
 UNM Celebration of Undergraduate Research Symposium, Albuquerque, NM, April 19, 2004. Poster

Loftfeild Award for Excellence in Undergraduate Research. Department of Biochemistry and Molecular Biology  
 Research Day, Sevilleta, New Mexico, April 24, 2004. Oral Presentation.

National Dean's List, biography appears in the 27<sup>th</sup> Annual Addition of *The National Dean's List*®. 2004

Passing of the Qualifying Exam with honors after completion of the required first year course work in the  
 Biomedical Sciences Graduate Program, Albuquerque, New Mexico, May 2005

Passing of the Comprehensive Exam with distinction in the Biomedical Sciences Graduate Program,  
 Albuquerque, New Mexico, November 2007

First Prize for Oral Presentation, sponsored by the Biomedical Sciences Graduate Program Student Research  
 Day. Albuquerque, NM February 8, 2008. Oral presentation

University of New Mexico Office of Graduate Studies, Research Project and Travel Award, March 10, 2008

University of New Mexico Biomedical Science Graduate Program Travel Award August 2008

## **PUBLICATIONS**

American Association for Cancer Research Annual Conference, Orlando, Florida, March 27-31, 2004. Abstract-“Down-regulation of E-cadherin Protein in Response to Epidermal Growth Factor in Human Squamous Cell Carcinoma Lines”. **Whitney Petrie**, Miquella Chavez, Laurie G. Hudson. Proceedings Volume 45, Abstract # 2765

Keystone Symposium, Cell Migration and Adhesion, April 9-14th, 2005. Snowbird, UT. Miquella G. Chavez, **Whitney K. Petrie**, Christian A. Buhr, Laurie G. Hudson. Dynamics of Cell-cell Junctions in Wound Repair Chavez, M.G., Buhr, C.A., Petrie, W., Wandering-Ness, A., Hudson, L.G. Epidermal Growth Factor Receptor stimulated cadherin trafficking.

Megan Dennis, Jeffrey B. Arterburn, Chinnasamy Ramesh, **Whitney Petrie**, Helen J. Hathaway, Eugen Brailoiu, Nae Dun, Larry A. Sklar, Tudor I. Oprea and Eric R. Prossnitz. *In vivo* effects of a GPR30 Antagonist (In press, *Nature Chemical Biology*).

Chavez, M.G., Buhr, C.A., **Petrie, W.**, Wandering-Ness, A., Hudson, L.G. Epidermal Growth Factor Receptor stimulated cadherin trafficking in a Squamous Cell Carcinoma Cell Line (in preparation).

**Whitney Petrie**, Megan Dennis, Donghai Dai, Harrient Smith, Kim Leslie, Helen Hathaway, Eric Prossnitz. GPR30 Function and Expression in Endometrial Carcinoma Models and Tumors (in preparation).

**Whitney Petrie**, Chloe Hughes, Paula Greigo, Eric Prossnitz, Helen Hathaway. Estrogen Receptor GPR30 Activation Increases Epithelial Cell Proliferation in the Mouse Uterus (in preparation).