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**Curriculum Vitae**  
**Denise A. Kaminski, Ph.D.**  
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**EDUCATION**

INSTITUTION	DEGREE	YEARS	FIELD OF STUDY
University of Wisconsin-Stevens Point (UWSP)	B.S.	1990-1994	Biology, Spanish (Microbiology emphasis)
University of Alabama at Birmingham (UAB)	Ph.D.	1995-2002	Immunology

**EMPLOYMENT**

POSITION	YEARS	LOCATION
Lecturer	2011-2013	College Writing Program, University of Rochester, Rochester, NY
Research instructor, Project & writing consultant	2008-2012	Division of Allergy, Immunology, and Rheumatology, Dept. of Medicine, University of Rochester, Rochester, NY
Postdoctoral Researcher	2006-2008	Trudeau Institute, Saranac Lake, NY
Postdoctoral Researcher	2002-2006	Dept. of Molecular Genetics and Microbiology, University of Massachusetts Medical School, Worcester, MA
Predoctoral Researcher	1995-2002	Dept. of Microbiology, University of Alabama at Birmingham, Birmingham, AL
Physical-Science Technician	1994-1995	Upper Mississippi Science Center, LaCrosse, WI

**HONORS**

2005 Trainee Travel Award: Keystone Symposia  
2002 Outstanding Graduate Student Award: UAB Microbiology Department  
2000 Cancer Research Training Award: National Cancer Institute  
1995 National Biological Service Employee Performance Award: Upper Mississippi Science Center

**FIRST-AUTHOR, CORRESPONDING-AUTHOR, & CO-FIRST-AUTHOR PUBLICATIONS**

Kaminski, D.A. and Sanz, I. "Regulatory B cells" in *Encyclopedia of Medical Immunology*. Eds. I.R. Mackay and N.R. Rose (New York, NY: Springer).

Kaminski, D.A., Wei, C., Qian, Y., Rosenberg, A.F., and Sanz, I. (2012) Advances in human B cell phenotypic profiling. *Frontiers in Immunology*. 3:302.

Kaminski, D.A., Wei C, Rosenberg AF, Lee FE, Sanz I. (2012) Multiparameter flow cytometry and bioanalytics for B cell profiling in systemic lupus erythematosus. *Methods Mol Biol*. (2012) 900:109-134.

LaMere, M.W., Moquin, A., Lee, F.E., Misra, R.S., Blair, P.J., Haynes, L., Randall, T. D., Lund, F. E., and Kaminski, D.A. (2011) Induction of anti-nucleoprotein IgG by systemic vaccination and its effects on influenza virus clearance. *J. Virol*. 85:5027-5035.

Kaminski, D.A. and Lee, F.E.H. (2011) Antibodies against conserved antigens provide opportunities for reform in influenza vaccine design. *Front. Immun.* 2:76. doi: 10.3389.

LaMere, M.W., Lam, H.T., Moquin, A., Haynes, L., Lund, F.E., Randall, T.D., and Kaminski, D.A. (2011) Contributions of anti-nucleoprotein IgG to heterosubtypic immunity against influenza virus. *J. Immunol*. 186:4331-4339.

Kaminski, D.A., Randall, T.D. (2010) Adaptive immunity and adipose tissue biology. *Trends Immunol*. 31:384-390.

- Kaminski\*, D.A., Lee\*, B.O., Haynes, L., Eaton, S.M., Randall, T.D. (2009) Sustained CD154 expression on activated T cells by CD28 and ICOS. *Immunology*. 127:373-385. (\*co-first authors)
- Carragher\*, D., Kaminski\*, D.A., Moquin, A., Hartson, L., Randall, T.D. (2008) A novel role for non-neutralizing antibody to influenza nucleoprotein. *J Immunol* 181:4168-4176 (\*co-first authors)
- Kaminski, D.A., Carragher, D., Moquin, A., Randall, T.D., (2008) Protection from influenza by recombinant nucleoprotein requires CD40 expression. In *Options for the Control of Influenza VI*. International Medical Press. J. M. Katz, ed. pp 620-621
- Kaminski, D.A. (2007) Meeting Review: Options for the Control of Influenza VI. *Viral Immunol.* 4:525-530.
- Kaminski, D.A., Stavnezer, J. (2007) Antibody class switching differs among SJL, C57BL/6 and 129 mice. *Int Immunol.* 19:545-556.
- Kaminski, D.A., Stavnezer, J. (2007) Stimuli that enhance IgA class switching increase histone 3 acetylation at  $\alpha$ , but poorly stimulate sequential switching from IgG2b. *Eur J Immunol.* 37:240-251.
- Kaminski, D.A., Stavnezer, J. (2006) Enhanced IgA class switching in marginal zone and B1 B cells relative to follicular/B2 B cells. *J Immunol.* 177:6025-6029.
- Bradley, S.P., Kaminski, D.A., Peters, A.H., Jenuwein, T., Stavnezer, J. (2006) The histone methyltransferase Suv39h1 increases class switch recombination specifically to IgA. *J Immunol.* 177:1179-1188.
- Kaminski, D.A., Stavnezer, J. (2004) Antibody class switching: uncoupling S region accessibility from transcription. *Trends Genet.* 20:337-340.
- Kaminski, D.A., Letterio, J.J., Burrows, P.D. (2002) Differential regulation of mouse B cell development by transforming growth factor  $\beta$ 1. *Dev Immunol.* 9:85-95.
- Depiero\*, A., Kaminski\*, D.A., Halsey, J.F., Briles, D., Burrows, P.D., Hostoffer, R.W. (2001) Immunologic compensation in a patient with a large IgH constant region deletion. *J Allergy Clin Immunol.* 107:1051-1055. (\*co-first authors)

# MIDDLE-AUTHOR PUBLICATIONS

- Roberts M.E., \*Kaminski D.A., Jenks SA, Maguire C, Ching K, Burbelo PD, Iadarola MJ, Rosenberg A, Coca A, Anolik J, Sanz I. (2014) Primary Sjögren's syndrome is characterized by distinct phenotypic and transcriptional profiles of IgD+ unswitched memory B cells. *Arthritis Rheumatol.* 66:2558. (\*listed as Kaminski, D.)
- McCána D.C., Kobie J.J., Kaminski D.A., Rosenberg A.F., Mattiaccio J.L., Brewer M, Dewhurst S., Dykes C., Jin X., Keefer M.C., Sanz I. (2013) 9G4+ antibodies isolated from HIV-infected patients neutralize -1 and have distinct autoreactivity profiles. *PLoS One* 8:e85098.
- Chen T.H., Patterson H.C., Pham D.H., Kis-Toth K., Kaminski D.A., Tsokos G.C. (2013) Deletion of microRNA-155 reduces autoantibody responses and alleviates lupus-like disease in the Fas (lpr) mouse. *Proc Natl Acad Sci U S A.* 110:20194-9.
- Lee, F.E., Halliley, J.L., Walsh, E. E., Moscatiello, A.P., Kmush, B.L., Falsey, A.R., Randall, T.D., Kaminski\*\*, D.A., Miller, R.K., and Sanz, I. (2011) Circulating human antibody-secreting cells during vaccinations and respiratory viral infections are characterized by high specificity and lack of bystander effect. *J. Immunol.* 186:5514-5521. (\*\*listed as "Kaminiski")

## NIH/NIAID RESEARCH SUPPORT

R21 AI079537	Mechanisms of non-neutralizing antibody-mediated protection from influenza virus	7/1/2008 - 6/30/2011
R21 AI079537-03S1	Mechanisms of non-neutralizing antibody-mediated protection from influenza virus (ARRA Supplement)	9/1/2009-8/31/2010
F32 AI056806	Contribution of mismatch repair proteins to antibody class switching	7/1/2003 – 6/30/2005

## ORAL-PRESENTATION ABSTRACTS

Kaminski, D.A., LaMere, M.W., and T.D. Randall. Antiviral activity of influenza nucleoprotein-specific antibodies. Keystone Symposium: Viral Immunity. Banff, Alberta. March, 2010.

Kaminski, D.A., LaMere, M.W., and T.D. Randall. Unique antiviral functions of influenza nucleoprotein-specific antibodies. Cold Spring Harbor Symposium: Harnessing Immunity to Prevent and Treat Disease. Cold Spring Harbor, NY. November, 2009.

Kaminski, D.A., Carragher, D., Moquin, A., Hartson, L., and T.D. Randall. Nucleoprotein-immune antibody protects against influenza virus by a T cell-mediated mechanism. Keystone Symposium: B Cells in Context. Taos, NM. February, 2009.

Kaminski, D.A. and J. Stavnezer. IgA class switching correlates with histone acetylation and differs among B cell subsets. Northern Immunological Mountain Society. Bolton Valley, VT. September, 2006.

Kaminski, D. A., F. Martin, and P.D. Burrows. TGF $\beta$ 1 is required for normal B lymphopoiesis. Experimental Biology 2002. New Orleans, LA. April, 2002.  
Keystone Symposium: B Cell Immunobiology & Disease. Snowbird, UT. April, 2001.

## POSTER-PRESENTATION ABSTRACTS

Qian, Y., Kaminski, D.A., Wei, C., Lee, F.E.H., Anolik, J.H., Scheuermann, R.H., and I. Sanz. Multi-dimensional B cell profiling with automated flow cytometry data analysis. Keystone Symposium: B Cells--New Insights into Normal versus Dysregulated Function. Whistler, BC. April, 2011.

Kaminski, D.A., Carragher, D., Moquin, A., and T.D. Randall. Protection from influenza by recombinant nucleoprotein requires CD40 expression. 11<sup>th</sup> Annual Conference on Vaccine Research. Baltimore, MD, May, 2008.  
Options for the Control of Influenza VI. Toronto, ON. June, 2007

Kaminski, D.A. and J. Stavnezer. IgA class switching correlates with histone acetylation and differs among B cell subsets. American Association of Immunologists. Boston, MA. April, 2006.  
11<sup>th</sup> International Conference on Mechanisms of Lymphocyte Activation and Immune Regulation. Newport Beach, CA. February, 2006.  
FASEB Summer Conference: Chromatin & Transcription. Snowmass, CO. July, 2005.  
Keystone Symposium: B Cell Development, Function, & Disease. Steamboat Springs, CO. March, 2005.

Kaminski, D.A., and J. Stavnezer. Interaction of mismatch repair proteins with switch region DNA. ASM Conference: DNA Repair & Mutagenesis. Southampton, Bermuda. November, 2004.  
Cold Spring Harbor Symposium: Gene Expression & Signaling in the Immune System. Cold Spring Harbor, NY. April, 2004.

**RELEVANT TEACHING EXPERIENCE****University of Rochester**

Reasoning and Writing in the College: Preventable-Disease Section	Fall, 2011 Spring, 2012 Fall, 2012 Spring, 2013	Section designer & Instructor
Developing a Professional Biology Writing Portfolio	Spring, 2013	Instructor
Optics	Fall, 2012 Spring, 2013	Workshop Facilitator*
Cell Biology	Fall, 2012	Workshop Facilitator*
Electrical Engineering	Spring, 2013	Workshop Facilitator*
Ecology and Evolution	Fall, 2014	Workshop Facilitator*

\*Writing topics addressed in workshops on an as-needed basis in coordination with each course's primary content instructor; all courses and workshops at the University of Rochester used highly interactive approaches.

**OTHER INSTRUCTIONAL EXPERIENCE AND TRAINING**

Guest lecturer	Immunology lecturing, UW-Stevens Point (Nov, 2014)	Stevens Point, WI
Student	Writing Pedagogy Practicum, U of Rochester (Fall 2011- Fall, 2012)	Rochester, NY
Student	Writing Pedagogy Course, U of Rochester (May, 2010)	Rochester, NY
Judge	Petrova Elementary School Science Fair (2007)	Saranac Lake, NY
Judge	Massachusetts Middle School State Science Fair (2005-2006)	Worcester, MA
Mentor	North Brookfield High School Senior Focus Program* (2004)	Worcester, MA
Student	UAB College-Teaching Course (winter 1999)	Birmingham, AL
Lab facilitator	Molecular Biology & Microbiology Middle-school Outreach Programs, UAB/McWane Science Museum (2000-2001)	Birmingham, AL
Lab assistant	Microbiology course, UW-Stevens Point (1993)	Stevens Point, WI
Tutor	Microbiology & Spanish tutoring, UW-Stevens Point (1988-1989)	Stevens Point, WI

\*In this program, I hosted individual high-school students in Dr. Janet Stavnezer's UMass-Worcester lab (with her consent) and advised on communications regarding the experience for the individuals' corresponding career-exploration course.