

# Greg Crow, Ph.D.

Professor of Mathematics  
Point Loma Nazarene University  
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San Diego, CA 92106-2899

## Education:

- Ph.D. Pure Mathematics (Differential Geometry) January, 1990  
University of Notre Dame, South Bend, IN  
Dissertation: *Some Results on Complete Minimal Surfaces*,  
Published in *Proceedings of the American Mathematical Society*, AMS, 114:4 (April 1992) 1063-1068
- M.S. Pure Mathematics May, 1986  
University of Notre Dame, South Bend, IN
- B.A. Mathematics and Computer Science May, 1984  
Mid-America Nazarene College, Olathe, KS

## Employment:

- Point Loma Nazarene University 1992-Present  
Professor of Mathematics 1999-Present  
Tenured 1998  
Associate Professor of Mathematics 1995-99  
Assistant Professor of Mathematics 1992-95
- John Carroll University, Cleveland, OH  
Visiting Assistant Professor of Mathematics 1989-92
- University of Notre Dame, South Bend, IN 1984-89  
Teaching Assistant/Fellow

## Professional Activity:

Mary Sheedy Kurcinka Ed.D., ParentChildhelp.com, Janet Crow MD, UCSD, and Greg Crow Ph.D., *Discovering Infant Temperament Types while Measuring Level of Infant Caregiver Stress*. Presentation at the Academic Pediatrics Association Region 9 and 10 meeting (Virtual) on 30-Jan-2021.

Mary Sheedy Kurcinka Ed.D., ParentChildhelp.com, Janet Crow MD, UCSD, and Greg Crow Ph.D., *Discovering Infant Temperament Types while Measuring Level of Infant Caregiver Stress*. Presented in the Symposium: Honoring the Contributions of Dr. William Carey, 23rd Occasional Temperament Virtual Conference, November 1st-2nd 2020, Hosted by Virginia Tech.

Ali Doroudchi Medical Student, University of California, San Diego, Janet Crow, MD Department of Pediatrics, University of California, San Diego, Greg Crow, PhD Point Loma Nazarene University, Lindia Willies-Jacobo, MD Kaiser Permanente School of Medicine, *A clinical survey evaluating the most common factors influencing a parental decision of vaccine refusal, and whether a correlation exists between vaccine refusal and the degree of trust in pediatricians*, Table Top Presentation at the Academic Pediatrics Association Region 9 and 10 meeting at the Hyatt Regency Monterey, in Monterey, California on February 1-2 2020.

Ron Benefiel and Greg Crow, *Sub-District Analysis: Southern California District Church of the Nazarene*. Presented to District Superintendent Tom Taylor on 24-May-2019. Comparison of census data with church data for five sub-cultural regions (SCR) of the Southern CA district geographical area over time (2000-2016/18). These five areas are distinct with regard to culture, economics, and a variety of demographic variables. The purpose was to provide data to support strategic planning efforts for the SoCal district.

Presentations given at the 22nd ACMS Biennial Conference, 29-May to 1-Jun-2019, Indiana Wesleyan University, Marion IN

- Greg Crow, Session 5: *Promotion and Tenure* in the Pre-Conference Workshop: Early Career Faculty and Graduate Students
- Ryan Botts and Greg Crow, *Adventures in Introductory Statistics: Hybrid, Traditional and Then Hybrid Again*
- Maria Zack and Greg Crow, *Practical Examples of Bin Packing and Critical Path Scheduling*

Mary Sheedy Kurcinka Ed.D. and Janet Crow M.D., *Infant Temperament Survey*. I designed and edited the two survey instruments (Parental Stress Questionnaire and Infant Temperament Evaluation) for a pilot study at UCSD Department of Ambulatory Pediatrics spring and summer of 2019

Greg Crow, Committee Member on Independent Study Project at UCSD School of Medicine. Ali Doroudchi: *A clinical survey evaluating the most common factors influencing parental decision for vaccine refusal, and whether a correlation exists between vaccine refusal and degree of trust in pediatricians*. June 2018-December 2018. My involvement included instruction on question formation and survey design, and editing the survey (fall 2017). I edited the final report during the spring of 2019. The final report was submitted on 19-Apr-2019.

Ron Benefiel and Greg Crow, Clergy Development Convocation (Carlsbad, CA) 12-Jan-2017. We presented an overview of the attendance and giving patterns of the USA/Canada and the Southwest USA Educational Zone over the prior ten years. The national data was also presented for the USA/Canada Hispanic Churches of the Nazarene. All dollar amounts were CPI adjusted to be able to make accurate comparisons.

Greg Crow, Wrote a report analyzing a survey conducted by the UCSD Division of Academic General Pediatrics, Child Development and Community Health. The report was submitted to the Division on 21-Sep-2016.

Ron Benefiel and Greg Crow, Clergy Development Convocation (La Jolla, CA) 16-Jan to 18-Jan-2016. We presented an overview of the educational preparation and ages of pastors and of characteristics of the churches they serve of the South West Educational Zone of the Church of the Nazarene. District by district analysis will be useful for predicting the future needs of the ministerial corps.

Ron Benefiel, Greg Crow, and Kenneth Crow, *Millennials and the Church*, Association of Nazarene Sociologists and Researchers (ANSR) Conference (Olathe, KS), 19-May to 21-May-2016. We presented a paper on a longitudinal analysis of the "Social Values and Attitudes in the Church of the Nazarene." The work was based on statistical analysis of Pastor's and Lay Member surveys given in 1996, 2004, 2008, 2012, and 2016.

Maria Zack, Greg Crow, Matt DeLong, Anthony Tongen, and Derek Schuurman: Pre-conference Professional Development Workshop at Redeemer University College (Ancaster, ON, Canada) 25-May to 27-May 2015. We organized and then led the pre-conference, gave talks, served on a panel, and mentored early career faculty in Mathematics and Computer Science.

Ryan Botts, Lori Carter, Catherine Crockett, Greg Crow, and Maria Zack: *Hybrid Classes in Mathematics and Computer Science* (Panel), Association of Christians in the Mathematical Sciences Nineteenth Biennial Conference, at Redeemer University College (Ancaster, ON, Canada) 27-May to 30-May 2015.

Maria Zack & Greg Crow: *Service Learning Projects Developed from Institutional Research Questions*, PRIMUS: Problems, Resources, and Issues in Mathematics Undergraduate Studies, 23:6 (June 2013) 550-562.

G. Crow and M. Zack, *Undergraduate Research and Service Learning Projects Developed from Institutional Research Questions*, Joint Mathematics Meeting, San Francisco, CA. January, 2010.

Crow, Greg: *Region, Role and Size as Risk Factors in Clergy Attrition*, Association of Nazarene Sociologists and Researchers Annual Meeting, 2010.

Beail, Linda and Crow, Greg. Chapter 13 *Church of the Nazarene of Pulpit and Politics: Clergy in American Politics at the Advent of the Millennium*, edited by Corwin Smidt, Baylor University Press, 2004.

Beail, Linda, Crow, Greg, et al. *The Political Activity of Evangelical Clergy in the Election of 2000: A Case Study of Five Denominations*, Journal for the Scientific Study of Religion 42:4 (Dec 2003) 501-514.

#### Professional Memberships:

Mathematical Association of America 1989-Present

#### Campus Service

Graduate and Extended Studies Committee Member	2020-Present
Construction Committee Member: End User (Rohr Science Remodel)	2018-19
NetVue Grant: Vocation Reader Work Group	Fall 2016-Fall 2017
WASC – Professional Development Task Force	Spring & Fall 2017
Volunteer Editor of the new Faculty Handbook	2016-17
Tenure Committee (Chair: 2012-13, Fall 2013, 2015-16)	2011-17
Delaware Data Project (Institutional Research)	2011-15
Chief Academic Marshall	2009-12
Provost Search Committee, Chair	2010-11
Committee Restructure Task Force, Chair	2009-11

#### Community Involvement:

*Hymnology* - Mission Church of the Nazarene

- *Charles Wesley* (2 presentations) Fall 2018
- *Fanny Crosby* (2 presentations) Spring 2019
- *Haldor Lillenas* (1 presentation) Summer 2019

*Managing the Essentials of Life* - Mission Church of the Nazarene (12 High School seniors) 10-Apr-2016

<i>MOC Lipid Screening</i> UCSD Department of Pediatrics: Division of Academic General Pediatrics, Child Development and Community Health (Created Time Series Graphs for Poster Presentation)	August 2015
<i>Math Task Force, Member</i> San Diego Unified School District	2010-11
Home Owner's Association, Board Member Park Point Loma HOA.	2007-09
Principal Selection Committee School of International Studies at San Diego High Educational Complex	Spring 2009