

## M. LELINETH BELOY-NOVILLA, M.D., MPH

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### EDUCATION

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<b>MASTER OF PUBLIC HEALTH</b> <i>The University of Utah</i> <i>Department of Family &amp; Preventive Medicine</i> <i>School of Medicine</i>	1997-1999 Salt Lake City, UT
<b>DOCTOR OF MEDICINE</b> <i>University of the City of Manila College of Medicine</i>	1986-1990 Manila, Philippines
<b>BACHELOR OF SCIENCE IN PUBLIC HEALTH</b> <i>University of the Philippines-Institute of Public Health</i>	1981-1986 Manila, Philippines

### COURSES TAUGHT

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#### Graduate Level

- Health 673: Maternal & Child Health Issues
- Health 640: Grant Writing
- Health 697R: Graduate Field Experience
- Health 698R: Graduate Project

#### Undergraduate Level

- Health 461: Chronic Diseases: Prevention & Control (Fall 2005-present)
- Health 461: Chronic & Infectious Diseases (Spring 2003-Spring 2005)
- Health 480: International Health (Fall Semester 2001-Spring Term 2002)
- International Area Studies 360R: Prep Class for Philippines International Internship
- International Area Studies 397R: Cultural Immersion
- International Area Studies 399R: Philippines International Internship (Fieldwork)

#### Guest Lecture

- Social Work 390R: Global Issues of Children at Risk, *BYU Department of Social Work* (2004-present)

### RESEARCH INTERESTS

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#### Maternal & Child Health

- Defining the role of the family in promoting health and in motivating and sustaining positive changes in health behavior
- Understanding adolescent health risk behaviors and their implications on health programs, services, and policies
- Addressing disparities in the delivery and access to health care services
- Understanding the determinants, distribution, patterns, and burden of chronic diseases, particularly diabetes and obesity in at-risk and underserved communities
- Understanding the health implications of early and late age at first birth

## SCHOLARLY WORK, PRESENTATIONS, AND GRANTS

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### A. Peer-reviewed Articles

#### PUBLISHED

1. Hanson CL, Novilla MLB, Barnes MD, De La Cruz N, Meacham A. Using family health history for chronic disease prevention in the age of genomics: Translation to health education practice. *American Journal of Health Education*. July/August 2007;38 (4):221-231.
2. Novilla MLB, Dearden KA, Crookston B, De La Cruz N, Hill SC, Torres S. Adolescents engaging in risky sexual behavior: Sexual activity and associated behavioral risk factors in Bolivian adolescents. *International Electronic Journal of Health Education*. 2006; 9:42-55.
3. Madanat H, Hawks SR, Novilla MLB. A comparison of disordered eating attitudes and behaviors among Filipino and American college students. *Eating and Weight Disorders*. 2006 Sep;11 (3):133-8.
4. Novilla MLB, Barnes MD, De La Cruz NG, Williams P, Rogers J. Public health perspectives on the family: An ecological approach to health promotion in the family and community. *Fam Community Health*. 2006;29(1):28-42.
5. Hawks SR, Madanat H, Smith T, Novilla MLB. Motivation for eating and the nutrition transition in the Philippines. *Human Ecology*. 2005;14:103-108.
6. Dearden KA, De La Cruz NG, Crookston B, Novilla MLB, Clark M. Adolescents at risk: How depression, low academic performance, violence, and alcohol increase Bolivian teenagers' risk of attempted suicide. *The International Electronic Journal of Health Education*. 2005; 8:104-119.
7. Page RM, Taylor J, Suwanteerangkul J, Novilla MLB. Self-perception of body weight among secondary students in Chiang Mai, Thailand. *International Quarterly of Community Health Education*. 2005;23(3):263-277
8. Page RM, Taylor J, Suwanteerangkul J, Novilla MLB. The influence of friendship and friendship-making ability in physical activity Participation in Chiang Mai, Thailand high school students. *The International Electronic Journal of Health Education*. 2005;8:95-103.
9. Merrill RA, Fugal S, Novilla MLB, Raphael BS. Cancer risk associated with early and late maternal age at first birth. *Gynecologic Oncology*. 2005;96:583-593.

#### ACCEPTED

1. Hanson CL, Novilla MLB, Barnes MD, Eggett D, Mckell C, Reichman P. Using the rural-urban continuum to explore adolescent alcohol, tobacco and other drug use in Montana. *Journal of Child and Adolescent Substance Abuse*. (In press)

#### SUBMITTED

1. Hanson CL, Novilla MLB, Barnes MD. Administering successful health conferences in health education. *California Journal of Health Promotion*. (under review)

2. Barnes MD, Hanson CL, Novilla MLB, Meacham A, Christensen B, McIntyre E. A newspaper analysis of agenda-setting during and after Hurricane Katrina: Implications for emergency preparedness, disaster response and disaster policy. (Submitted to the *American Journal of Public Health*, February 2007)

#### PAPERS IN PROGRESS

1. Novilla MLB, Hanson CL, De La Cruz NG, Barnes MD. How does the family impact substance use by adolescents? Influences of the family on adolescent substance use: Ever use of smokeless tobacco, cigarettes, alcohol, and marijuana among American Indian/Native American and White adolescents in Montana. (To be submitted to the *Journal of Ethnicity in Substance Abuse*)
2. Novilla MLB, Hawks SR, Madanat H, Smith T, Hill SC. Weight perception and dietary behaviors among Filipino adolescents: implications on health education classes, programs, and policies.
3. Novilla MLB, Madanat H, Hawks SR, De La Cruz N, Smith T, Hill SC. Health risk behaviors among Filipino adolescents.
4. Hanson CL, Novilla MLB, Barnes MD & Gast J. Perceptions and use of family health history among Utah college students.
5. Hanson CL, Novilla MLB, Barnes MD, & Schiffman L. Home and family influences on adolescent health and functioning across racial and ethnic groups.
6. Hanson CL, Madanat H, Merrill R, Novilla MLB, Barnes MD, Anderson G, & Dale A. Perceptions of family health history among Jordanian college students.

#### B. Grants

Total grant money awarded: \$48,022.00

1. *Translating Use of an Electronic Family Health History Tool by Adolescents and Families: An Evaluation of Strategies to Enhance Dissemination, Institutionalization, and Use of an Evidence-based Intervention for Impacting Health Behavior and Beliefs.* A CDC Grant Application on Improving Public Health Practice through Translation Research (R18). Co-authored the research plan with Dr. Carl Hanson and Dr. Michael Barnes. A collaborative research with the Utah and Michigan Department of Health Chronic Disease Genomics Program and The University of Utah Genetics Science Learning Center and The Cardiovascular Genetics Research Clinic, April 2007. Amount requested: \$1,500,000.00 (Under review)
2. *Family Health History and Perceptions of Chronic Disease Risk Among Seniors.* Collaborative research with Carl Hanson, Ph.D., CHES and Michael Barnes, Ph.D., CHES. Funded through the Utah Department of Health, January 2007. Funded for \$3500.00
3. *Funding for International Presentation: Public Health Issues as Viewed and Addressed through Multi-level Organizational Lenses: The Philippines International Internship Experience with Local and International Organizations; 5<sup>th</sup> Global International Internship Congress.* April 17-20, 2007, Keimyung University, Daegu, Korea. Submitted for funding consideration from the College of Health & Human Performance and the BYU Kennedy Center, January 2007. Funded for \$3327.00

4. *A Comparison of the Ease of Use of Various Family Health History Tools: A User Rating of Online and Paper-based Family Health History Toolkits.* Collaborative research with Carl Hanson, Ph.D., CHES and Michael Barnes, Ph.D., CHES, submitted for funding consideration for \$4960.00 from the College of Health & Human Performance, January 2007. (Under review)
5. Funding for Maternal and Child Health Class Travel to the 3rd Annual Unite for Sight International Conference on *Empowering Communities To Bridge Health Divide*, April 1-2, 2006 at Yale University. Funded through the Fulton Grant, February 2006. Funded for \$2000.00
6. *Funding for HIV/AIDS Training from The AIDS Support Organization (TASO), Uganda* (collaborative grant with MPH graduate students, Christianna Romney and Natalie De La Cruz), funded through the Fulton Grant, October 2005. Funded for \$7000.00
7. *Health Outcomes and Family-related Protective Factors: A Secondary Analysis of the National Survey of Children's Health and the State and Local Area Integrated Telephone Survey (SLAITS)* (collaborative research with Michael Barnes, Ph.D., CHES and Carl Hanson, Ph.D., CHES) funded through the Fulton Grant, April 2005. Funded for \$4195.00
8. *Improving Nutrition, Saving Lives: Understanding the Nutrition Transition in Asia -Viet Nam, Cambodia, Philippines, Thailand, and Bolivia* (collaborative research with Kirk Dearden, DPH, Randy Page, Ph.D., Steve Hawks, Ed.D., CHES), funded through the Fulton Grant, April 2005. Funded for \$4000.00.
9. Mentoring Environment Grant (MEG): *Improving Nutrition, Saving Lives: Understanding the Nutrition Transition in Asia -Viet Nam, Cambodia, Philippines, Thailand, and Bolivia* (collaborative research with Kirk Dearden, DPH, Randy Page, Ph.D., Steve Hawks, Ed.D, CHES, and Ray Merrill, Ph.D.) funded, February 2004. Funded for \$20,000.00.
10. Course Improvement Grant, Health 673 Maternal and Child Health Issues, funded through the Faculty Center, June 2004. Received \$2000.00
11. *The Incidence of Overweight/Obesity in Socio-economically Diverse but Strongly Religious Populations: A Comparison of the Anthropometric Profile and Nutrition Behavior of Latter-day Saints in Utah and Manila*, funded, January 2004. Funded for \$2000.00
12. *Impact of Family Health Risk Assessment on Health Behavior Change: Understanding the Correlates of Health Behavior Change at the Individual and Family Settings as a Factor of Family Health Risk Assessment.* Novilla MLB, Hanson C, Barnes MD, Eggett DL. A Graduate Mentoring Grant submitted February 17, 2006 for \$4000.00. Not funded.
13. *Forum on Family-centered Health: Identifying Gaps and Approaches in Translating Concept to Research and Practice* (collaborative project with Michael Barnes, Ph.D., CHES and Carl Hanson, Ph.D., CHES) submitted to the College of Health & Human Performance and the Fulton Grant in April 2005 for \$8560. Not funded.

### C. Conference Presentations & Workshops

#### ORAL PRESENTATIONS

1. Novilla MLB. *Public Health Issues as Viewed and Addressed through Multi-level Organizational Lenses: The Philippines International Internship Experience with Local and International Organizations.* 5th Global International Internship Congress, April 17-

- 20, 2007, Keimyung University, Daegu, Korea; Theme: Working for Global Understanding through International Internships.
2. Novilla MLB. Obtaining Research Funds through Grant Writing. BYU Graduate Workshop, BYU Graduate Student Association. March 29, 2007.
  3. Barnes MD, Hanson C, Novilla MLB. *Hurricane Katrina: How did the media frame health risks and health issues? The media's agenda-setting influence on communicating health risks and priorities. An Oral Presentation at the 2006 57<sup>th</sup> SOPHE Annual Meeting, November 3, 2006.*
  4. 3<sup>rd</sup> Asia-Oceania Conference on Obesity, Taipei, Taiwan, February 25-27, 2005  
Invited oral and poster presentations of the following:
    1. Novilla MLB, Hawks SR, Madanat H, Smith T. *Weight Perception and Dietary behaviors Among Filipino Adolescents: Implications on Health Education Classes, programs, and Policies*
    2. Madanat H, Hawks SR, Novilla MLB. *A Comparison of Eating Disorders Among Filipino and American College Students*
    3. Smith S, Hawks SR, Novilla MLB, Madanat H. *Motivation for Eating Among Women in the Philippines*
  5. First Annual Utah Health Services Research Conference, Salt Lake City, February 18, 2005  
Novilla MLB, Barnes MD, De La Cruz NG, Williams P, Rogers J. *Public Health Perspectives on the Family: An Ecological Approach to Health Promotion in the Family and Community*

#### **PROFESSIONAL WORKSHOP PRESENTATION**

Novilla MLB. *Moving from Direct Services to Core Public Health Functions*, 2005 Summer Institute in Maternal and Child Health, Rocky Mountain Public Health Education Consortium, University of Utah, July 25-29, 2005. (Training for doctors, nurses, social workers, and other health professionals involved in the field of maternal and child health)

#### **RELIGIOUS CONFERENCE TALK**

Novilla MLB. *As I Partook of the Fruit Thereof, It Filled My Soul with Exceedingly Great Joy*. April 2004 BYU Women's Conference

#### **POSTER PRESENTATIONS**

1. De La Cruz NG, Hanson C, Novilla MLB, Barnes MD. *Impact of Family Influences on Adolescent Substance Use: Ever Use of Smokeless Tobacco, Cigarettes, Alcohol, and Marijuana Among American Indian/Native American and White Adolescents in Montana*. An APHA Poster Presentation, American Public Health Association 134<sup>th</sup> Annual Meeting and Exposition, November 4-8, 2006.
2. Hanson C, Novilla MLB, Barnes MD, Eggett D, De La Cruz N, Meacham A. *Racial and Ethnic Disparities in Adolescent Health and Functioning*. An APHA Poster Presentation, American Public Health Association 134<sup>th</sup> Annual Meeting and Exposition, November 4-8, 2006.

Co-author with Dr. Randy Page on the following papers presented in Norway and Netherlands:

3. *The Influence of Friendships and Friendship-Making Ability in Adolescent Physical Activity: A Study of Thai Youth*. Presented at the Childhoods 2005: Children and Youth in Emerging and Transforming Societies International Conference, June 29, 2005 in Oslo, Norway.
4. *Considering the Influence of Friendships in Physical Activity Participation among Thai Adolescents*. Presented at the International Society of Behavioral Nutrition and Physical Activity Conference, June 17, 2005 in Amsterdam, Netherlands.

#### **UNIVERSITY & DEPARTMENT COMMITTEE SERVICE**

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- Affiliate Faculty Member, David M. Kennedy Center for International and Area Studies, BYU (2001-present)
- International Internship and UNICEF Philippines Program Director, BYU David M. Kennedy Center for International and Area Studies, BYU, 2005
- Guest Lecturer, Social Work 390R: Global Issues of Children at Risk, BYU Department of Social Work (2004-present)
- Chair/Member, MPH Program Graduate Students' Faculty Committee (2003-present)
  - **As committee chair:**
    - Christianna Romney
    - Anna Zobell
    - Lori Sugiyama
  - **As committee member:**
    - Paul Perrin
    - Athena Carolan
    - Erin McKeown Johnson
    - Chelsea McKell
    - Ali Bowden
    - Lisa Morris
- Chair, Department of Health Science *Committee on the Family Health Initiative: A Collaborative Center with PAHO/WHO* (2006)
- Member, Department of Health Science MPH Admissions Committee (2004, 2006-present)
- Member, Department of Health Science MPH Curriculum and Learning Outcomes Committee (2006-present)
- Member, Department of Health Science *Committee on the Proposed Pre-Medical Track towards a Public Health Education Degree* (2006-present)
- Chair, Department of Health Science *Committee on the MPH Program Mission Statement* (2005)
- Member, Department of Health Science *Committee on Policies and Procedures* (2005)
- Member, *Committee on the Center for the Study of Families and Health* (2005)
- Chair, Department of Health Science *Extramural Funding Committee* (2003-2004)
- Member, Department of Health Science *Human Research & Technology Lab Committee* (2004)
- Coordinated efforts of the Department of Health Science & the Thrasher Research Fund to have Dr. Michael O. Goran, nationally renowned expert on obesity, deliver a guest lecture on obesity at Brigham Young University, October 2003

## COMMUNITY OUTREACH/VOLUNTEER WORK

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- Member, Board of Trustees, Timpanogos Regional Hospital (Columbia-Hospital Corporation of America, HCA), August 2005 to present
- Member, Bioethics Committee/Hospital Quality Control, Timpanogos Regional Hospital (Columbia-Hospital Corporation of America, HCA), January 2007 to present
- Member, State of Utah Department of Health Multidisciplinary Coalition on Improving Health Outcomes Through the Use of the Family Health History, February 2006 to present
- Grant Reviewer, The Utah Department of Health Tobacco Prevention Control Program-Community Collaboration Grants, 2006
- Adviser, BYU-UNICEF Organization, 2006
- Session Chair, 2006 International Inquiry Conference, Kennedy Center, Brigham Young University International Study Programs  
Academic presentation of selected papers by students mentored in the UNICEF Philippines International Internship Program:
  1. Lindsay Dahl, *Reevaluating Skin Deep: On malnutrition and infant formula advertising in the Philippines\**  
\*The findings of this research was presented before The Senate of the Philippines and is currently being used by UNICEF Philippines in designing local and national breastfeeding and nutrition programs.
  2. Jacob Sohn, *KNN: Addressing the need for quality children's television in the Philippines*
- Peer Reviewer, Journal of Nutrition Education and Behavior, 2005  
Peer reviewer, Utah Health Review, 2003
- Speaker, BYU Women's Conference, *As I Partook of the Fruit Thereof, It Filled My Soul with Exceedingly Great Joy*, April 2004
- Developed, planned, and conducted the Thrasher Research Fund Forums attended by students and professionals from various disciplines. Expert speakers provided the most current information on various issues that impact child health including existing research gaps in child health studies, 2001-2003.
- Consultant and liaison, Humanitarian Service of The Church of Jesus Christ of Latter-day Saints, 1999-2001
- Volunteer language translator, Missionary Training Center and the Translation Department, The Church of Jesus Christ of Latter-day Saints, 1993-2001
- Church service, various ecclesiastical callings since becoming a member of The Church of Jesus Christ of Latter-day Saints. From 2001-present, served as a counselor in the Primary Organization; teacher in the Relief Society Organization; and as a Visiting Teacher.



## PROFESSIONAL AFFILIATIONS

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- American Public Health Association, APHA
- Society of Public Health Educators, SOPHE
- Health Educators Association of Utah, HEAU
- University of the Philippines Pangkalusugan Lingkod Bayan (1984-1986)

A health service organization comprised of students from the University of the Philippines College of Medicine and from other allied health professions. The mission of this organization is to provide voluntary health services and health education to indigent communities in the City of Manila, Philippines

## WORK & TEACHING EXPERIENCE

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### **SENIOR RESEARCH MANAGER** 1999-2003

*Thrasher Research Fund*

*Salt Lake City, UT*

- \$ Reviews and screens projects for compatibility with the Fund's current funding priorities
- \$ Provides feedback beneficial in developing a stronger research proposal
- \$ Facilitates an interactive consultation between the Fund, principal investigators, and external peer reviewers
- \$ Oversees projects in review, consults experts, monitors current grants, conducts site visits
- \$ Coordinates and conducts the Fund's Research Forum that focus on current gaps and needs in the area of pediatric research
- \$ Presents projects to the Fund's Advisory and Executive Committees
- \$ Conducts outreach visits to medical schools in the United States
- \$ Created brochures that provide information regarding the Fund's history, review cycle, current and historical grants, and research application procedures
- \$ Represents the Fund in domestic and international health conferences and organizations (World Health Organization; Pan American Health Organization, PAHO; Centers for Disease Control & Prevention)
- \$ Prepared and conducted the Fund's Focus Group Meeting on the prevention of significant diseases, injuries, and disabilities in children
- \$ Served as a consultant and liaison to the Humanitarian Service of The Church of Jesus Christ of Latter-day Saints and certified humanitarian shipments to other countries

### **INSTRUCTOR**

FALL SEMESTER 2001-SPRING SEMESTER 2002

*Department of Health Science*

*Brigham Young University*

*International Health*

- \$ Discussed primary health concerns in developing countries, including the social, economic, and political context of health and disease
- \$ Provided undergraduate students an introduction to epidemiology, infectious diseases, health policy and planning, and functions of international health organizations

### **TEACHING ASSISTANT**

FALL SEMESTER, 1998

*Department of Family & Preventive Medicine*

*The University of Utah,*

*Social Context of Medicine & Public Health*

*School of Medicine*

*Law and Medicine*

- \$ Assisted graduated students by providing academic consultations
- \$ Led class discussions on selected topics



§ Assisted in coordinating class schedules and in preparing teaching materials

**MEDICAL INSTRUCTOR** APRIL 1997 - JUNE 1998  
*Provo College* Provo, UT

§ Taught classes in Gross Anatomy, Microbiology, OSHA, and Medical Patient Management for Dental, Physical Therapy, and Medical Assisting students

§ Provided academic consultations and assistance to students

**CLINICAL RESEARCH ASSOCIATE, DIABETES RESEARCH** JUNE-DECEMBER 1995  
*Los Angeles County + University of Southern California* Los Angeles, CA  
*Medical Center*

§ Assisted in performing clinical & laboratory diagnostic procedures such as OGTT and IVGTT on Hispanic patients enrolled in clinical diabetes research and in a clinical trial of Troglitazone

§ Assisted in monitoring patients for possible adverse reactions to the investigational drug or to the standard oral hypoglycemic agent

§ Attended and participated in diabetes research discussions, grand rounds, and lectures

## TRAINING

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**BREAST CANCER RESEARCH STUDY** JANUARY - MARCH 1998  
*Department of Family & Preventive Medicine-Public Health*  
*The University of Utah, School of Medicine*

**CLINICAL RESEARCH ASSOCIATE, DIABETES RESEARCH** JUNE 1995  
*Los Angeles County + University of Southern California* Los Angeles, CA  
*Medical Center*

**POST-GRADUATE MEDICAL INTERNSHIP** 1990-1991  
*Hospital of Manila* Manila, Philippines

**SENIOR YEAR CLINICAL ROTATION** 1989-1990  
*Hospital of Manila* Manila, Philippines

**CLINICAL & COMMUNITY MEDICINE** 1986-1991  
*University of the Philippines-Institute of Public Health* Manila, Philippines  
*University of the City of Manila,*  
*Hospital of Manila*

§ Provided voluntary health services and conducted health education classes in indigent communities in Manila and surrounding areas (free clinic)

§ Conducted qualitative assessments of the health profile of several communities in Manila that focus on malnutrition, vitamin deficiencies, and tuberculosis

§ Conducted training for village health workers (Health Centers in Manila; Rural Health Unit in Maragondon, Cavite)

## MEDICAL BOARD EXAMINATIONS

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**UNITED STATES MEDICAL LICENSURE EXAMINATIONS  
(USMLE) IN BASIC & CLINICAL SCIENCES AND ENGLISH PROFICIENCY**

**PHILIPPINES MEDICAL LICENSURE EXAMINATION  
LICENSED MEDICAL PHYSICIAN**

## AWARDS AND RECOGNITIONS

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**ELECTED MEMBER**, ALPHA THETA CHAPTER,  
**DELTA OMEGA NATIONAL PUBLIC HEALTH HONOR SOCIETY**  
THE UNIVERSITY OF UTAH DECEMBER 2000

**DEAN'S LIST & CITY OF MANILA SCHOLAR** 1986-1990  
*College of Medicine/Hospital of Manila*  
*Rank 4<sup>th</sup> by GPA in the class of 58 graduating medical students*

**NOMINATED FOR OUTSTANDING POST-GRADUATE  
INTERN** APRIL 1991  
*University of the City of Manila-College of Medicine/  
Hospital of Manila*

**OUTSTANDING CLINICAL CLERK** MARCH 1990  
*University of the City of Manila-College of Medicine/  
Hospital of Manila*

**COLLEGE OF MEDICINE REPRESENTATIVE** MARCH 1990  
*Inter-Medical Colleges Clinical Pathology Conference,  
University of the Philippines/Philippine General Hospital*

**MEDICINE QUIZ REPRESENTATIVE** MARCH 1990  
*Inter-Medical Colleges, Medicine Quiz,  
University of Santo Tomas-School of Medicine*

**UNIVERSITY SCHOLAR** 1981-1986  
*University of the Philippines*

## OTHER ACTIVITIES/SKILLS

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**Teaching Skills** -secular and ecclesiastical settings

**Patient Skills** -ability to relate and communicate effectively with patients

**Language Skills** -proficient in written and spoken English and Tagalog  
Served as volunteer language translator for the Missionary Training Center and  
the Translation Department, The Church of Jesus Christ of Latter-day Saints