

OLA ABDELHADI MBBCh, MPH, PhD

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About

- Health researcher and epidemiologist with a demonstrated history of working in higher education and research institutes
- Skilled in designing, analyzing, and interpreting health studies, teaching health research methods, biostatistics, and epidemiology
- Medical degree from Ain Shams University. Master's degree in public health (MPH) from Purdue University majoring in family and community health. Ph.D. in epidemiology from University of California, Davis
- Recipient of the best junior investigator presentation award from UC Davis Cancer Comprehensive Center

Education

University of California, Berkeley

Postdoctoral Research Fellow

Dec 2021-Current

University of California, Davis

Doctor of Philosophy

Dec 2021

Major: Epidemiology

Purdue University, IN

Master of Public Health

May 2016

Major: Family and Community Health Sciences

Ain Shams School of Medicine, Cairo, Egypt

MB.B.Ch. (MD)/MSc

May 2009

Teaching Experience

University of California, Davis

Teaching Assistant

Department of Public Health Sciences

Sep 2019 - June 2021

Courses: Biostatistics for Clinical research
Biostatistics for Biomedical Sciences
Epidemiologic Study Designs
Analysis and Interpretation of Epidemiological data

Department of Human Development and Ecology

Sep 2018 - June 2019

Courses: Social Aspects of Aging
Adolescent psychology
Research Methods
Cognitive thinking in children

Purdue University, IN

Teaching Assistant

Health and Kinesiology Department

Aug 2015 - May 2016

Courses: Health and Sexuality
Epidemiology
Health and Human diseases

Research Experience

Research project, Graduate Group of Epidemiology, Davis, CA Sep 2017 - Dec 2021
Investigated health status of adolescent and young adult cancer survivors using AHRQ data,
published 3 journal papers and one conference presentation
Supervisor: Prof. Theresa Keegan

Clinical research consultant, Psychology Department, Stanford, CA Feb 2017 - Feb2019
Examined the relation between sleep assessment and emotion regulation, conducted more than 500
sleep and psychological assessments using semi-structured assessment tools
Supervisors: Prof. James Gross, Dr. Sylvia Kreibig

Research project, Human Development and Family Studies Aug 2015 -July 2016
Purdue University, IN
Developed project promoting physical activity in older adults, resulted in a poster presentation
Supervisor: Prof. Melissa Franks

Research internship, IBCN, Purdue University, IN Aug 2014 -July 2015
Evaluated 15 miRNA breast cancer biomarkers for prevention, presented as the practicum for my
MPH degree
Supervisor: Prof. Sophie Lelievre

Clinical research assistant, Indiana University School of Medicine, IN Aug 2012 - July 2013
Investigated cell inflammation in women with reproductive endocrinopathy, published 3 journal
papers and 6 conference proceedings
Supervisor: Dr. Frank Gonzalez

Awards and Fellowships

Ellen Gold Fellowship from Graduate Group of Epidemiology Sep2020- June2021
School of veterinary medicine, University of California, Davis

Best junior investigator presentation March2019
Annual Spotlight of Junior Investigators
UC Davis Cancer Comprehensive Center

Graduate Group of Epidemiology Fellowship Sep 2018-June 2020
School of Public Health, University of California, Davis

Graduate Teaching Certification Award May 2016
Purdue University Teaching Academy

Education Commission of Foreign Medical Graduate Certification Sep 2012
ECFMG Certified Foreign Medical Education

Clinical Experience

Internship, University of Miami, Miller School of Medicine, FL September 2021

Internship, Morehouse Psychiatry Department, GA August 2021

Internship, Family Medicine, Ascension Macomb-Oakland Hospital, MI August 2020

Internship, Solano Hematology/Oncology, CA

March 2020

Internship, WHO/EMRO, Middle East

July-Aug 2015

Department of health promotion and protection.

Social determinant of health and gender-based violence

Internship, University of Miami, Miller School of Medicine, FL

Jan 2013

Internship, Indiana University School of medicine, IN

Dec 2012

Publications ([Scholar](#))

1. **Abdelhadi OA**, Pollock BH, Joseph J, Keegan TH. Shared Decision-Making Among Adolescent and Young Adult Cancer Survivors and Noncancer Adults: Associated Medical Expenditures and Health Care Utilization. Accepted JAYAO.
2. **Abdelhadi OA**, Pollock BH, Joseph JG, Keegan TH. Psychological distress and associated additional medical expenditures in adolescent and young adult cancer survivors. *Cancer*. 2022 Jan 10. News ([Medical Express](#), [health Day](#))
3. **Abdelhadi OA**. Health Status of Adolescent and Young Adult (AYA) Cancer Survivors: Health Care Utilization Patterns and Additional Medical Expenses (Doctoral dissertation, UC Davis). Award ([Student highlights](#))
4. **Abdelhadi OA**, Joseph J, Pollock BH, Keegan TH. Additional medical costs of chronic conditions among adolescent and young adult cancer survivors. *Journal of Cancer Survivorship*. 2021 Apr 26:1-0.
5. González F, Considine RV, **Abdelhadi OA**, Xue J, Acton AJ. Saturated fat ingestion stimulates proatherogenic inflammation in polycystic ovary syndrome. *American Journal of Physiology-Endocrinology and Metabolism*. 2021 Nov 1;321(5):E689-701.
6. González F, Considine RV, **Abdelhadi OA**, Acton AJ. Inflammation triggered by saturated fat ingestion is linked to insulin resistance and hyperandrogenism in polycystic ovary syndrome. *J Clin Endocrinol Metab* 2020, 105(6):e2152-e2167.
7. González F, Considine RV, **Abdelhadi OA**, Acton AJ. Lipid-induced mononuclear cell cytokine secretion in the development of metabolic aberration and androgen excess in polycystic ovary syndrome. *Hum Reprod* 2020, 35(5):1168-1177.
8. González F, Mather KJ, Considine RV, **Abdelhadi OA**, Acton AJ. Salicylate administration suppresses the inflammatory response to nutrients and improves ovarian function in polycystic ovary syndrome. *Am J Physiol Endocrinol Metab* 2020, 319(4):E744-E752.
9. González F, Considine RV, **Abdelhadi OA**, Acton AJ. Saturated fat ingestion promotes lipopolysaccharide-mediated inflammation and insulin resistance in polycystic ovary syndrome. *J Clin Endocrinol Metab* 2019, 104(3):934-946.
10. González F, Considine RV, **Abdelhadi OA**, Acton AJ. Oxidative stress in response to saturated fat ingestion is linked to insulin resistance and hyperandrogenism in polycystic ovary syndrome. *J Clin Endocrinol Metab* 2019, 104(11):5360-5370.

Abdelhadi Abstracts:

1. González F, Considine RV, **Abdelhadi OA**, Acton AJ. Normal weight women with polycystic ovary syndrome exhibit oxidative stress in response to saturated fat ingestion even in the absence of abdominal adiposity. Oral presentation (#O-114) at the 68th meeting of the Society for Reproductive Investigation, *Reprod Sci* 28 (1 Suppl):94A, Boston, MA, July 6-9, 2021.
2. González F, Considine RV, **Abdelhadi OA**, Acton AJ. Inflammation in response to saturated fat ingestion in normal weight women with polycystic ovary syndrome does not depend on abdominal adiposity. Poster presentation (#P-937) at the 76th meeting of the American Society

for Reproductive Medicine, Fertil Steril 114 (2 Suppl):e524-e525, Virtual Event, October 17-21, 2020.

3. **Abdelhadi O.A.** & Keegan T. H.M.. (2019, June 01). Excess Medical Costs of Chronic Conditions among Adolescents and Young Adults Cancer Survivors [Oral Presentation]. 13th Annual Spotlight on Junior Investigators— A Cancer Research Mini-Symposium/Davis, CA, USA
4. González F, Considine RV, Acton AJ, **Abdelhadi OA**. Hallmark evidence of lipopolysaccharide tolerance in obese women with polycystic ovary syndrome: Lipopolysaccharide-induced NF κ B suppression is linked to hyperandrogenism in PCOS. Oral presentation (#O-16) at the 74th meeting of the American Society for Reproductive Medicine, Fertil Steril 110 (3 Suppl):e8-e9, Denver, CO, October 6-10, 2018.
5. **Abdelhadi OA**, Considine RV, Acton AJ, González F. Saturated fat ingestion stimulates suppressor of cytokine signaling-3 and toll-like receptor-4 gene expression in polycystic ovary syndrome. Oral presentation (# O-80) at the 72nd meeting of the American Society for Reproductive Medicine, Fertil Steril 106 (3 Suppl):e32, Salt Lake City, UT, October 15-19, 2016.
6. González F, **Abdelhadi OA**, Considine RV, Acton AJ. Anti-inflammatory therapy suppresses proinflammatory cytokine secretion from mononuclear cells and reduces hyperandrogenism in lean women with polycystic ovary syndrome. Oral presentation (# O-81) at the 72nd meeting of the American Society for Reproductive Medicine, Fertil Steril 106 (3 Suppl):e32, Salt Lake City, UT, October 15-19, 2016.
7. **Abdelhadi OA**, Considine RV, Acton AJ, González F. Increased lipid-stimulated interleukin-6 release from mononuclear cells is linked to excess ovarian androgen secretion in polycystic ovary syndrome. Oral presentation (# O-83) at the 72nd meeting of the American Society for Reproductive Medicine, Fertil Steril 106 (3 Suppl):e33, Salt Lake City, UT, October 15-19, 2016.
8. **Abdelhadi OA**, Considine RV, Acton AJ, Shepard MK, González F. Cream ingestion promotes the expression of toll-like receptor-4 and suppressor of cytokine signaling-3 in polycystic ovary syndrome. Oral presentation (# O-148) at the 61st meeting of the Society for Gynecologic Investigation, Reprod Sci 21 (3 Suppl):126A-127A Florence, Italy, March 26-29, 2014.
9. **Abdelhadi OA**, Shepard MK, Sia CL, Garrett TJ, González F. Activation of nuclear factor κ B in response to cream ingestion is related to ovarian androgen hypersecretion in polycystic ovary syndrome. Oral presentation (# O-128) at the 69th meeting of the American Society for Reproductive Medicine, Fertil Steril 100 (3 Suppl):S39, Boston, MA, October 12-17, 2013.
10. **Abdelhadi OA**, Considine RV, Acton AJ, Sia CL, González F. Lipid-stimulated TNF κ release from mononuclear cells is related to ovarian androgen hyperresponsiveness to HCG administration in polycystic ovary syndrome. Oral presentation (# 2) at the 11th meeting of the Androgen Excess and Polycystic Ovary Syndrome Society, Program pg 37, Newport Beach, RI, October 17-18, 2013.

Services and leadership experience

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| Graduate Student Representative , UC Davis, CA | June2020-Dec2021 |
| <ul style="list-style-type: none">• Represented epidemiology graduate students at Graduate Student Association (GSA) | |
| Vice president and Service coordinator , Purdue University, IN | June2015-May2016 |
| <ul style="list-style-type: none">• Organized seminars, social activities, the spring festival, and career development events for the public health student association. Coordinated four events for students' engagement in community service | |