

CURRICULUM VITAE
Jennifer J Adibi MPH, ScD
University of Pittsburgh

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Birthplace:	Pittsburgh	Citizenship:	USA

EDUCATION and TRAINING

Undergraduate

1987-1992	Brown University Providence, RI	AB Russian Studies
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Graduate

2000 - 2002	Mailman School of Public Health Columbia University New York, NY	MPH Environmental Health Dr. Frederica Perera
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2002 - 2007	Harvard T.H. Chan School of Public Health, Harvard University Boston, MA	ScD Occupational Epidemiology Dr. Russ Hauser
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Postgraduate

2007 - 2008	Harvard T.H. Chan School of Public Health, Harvard University Boston, MA	Postdoctoral Fellow Environmental Epidemiology Dr. Russ Hauser
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2008 - 2011	University of California, San Francisco San Francisco, CA	Postdoctoral Scholar Placental and Stem Cell Biology Dr. Susan Fisher
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APPOINTMENTS and POSITIONS

Academic

2012 - 2013	Department of Obstetrics/Gynecology and Reproductive Sciences, School of Medicine	Assistant Adjunct Professor, Step 3
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University of California, San Francisco
San Francisco, CA

2013 - Department of Epidemiology Assistant Professor,
Graduate School of Public Health tenure stream
University of Pittsburgh
Pittsburgh, PA

2014 - Obstetrics/Gynecology and Assistant Professor
Reproductive Sciences
School of Medicine
University of Pittsburgh
Pittsburgh, PA

Non-Academic

1993 – 1994 ISAR: Clearinghouse on Grassroots Volga Region Representative
Cooperation in Eurasia

1995 – 1998 CEC International Partners Director
U.S. - Russian EcoBridge
Environmental Programs

1998 – 2000 Harvard School of Public Health U.S. - Russia Project
Boston, MA Coordinator
Department of Environmental
Health

MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

2013 – 2014 Member, Jonas Salk Centenary - Symposium on Sustainability
2013 - Present Member, The Endocrine Society
2014 - Present Member, Curriculum Committee, Department of Epidemiology
2014 - Present Member, The Society for Epidemiologic Research
2014 – 2017 Member, The Society for Pediatric and Perinatal Epidemiology
2017 – Present Member, Editorial Review Board, Environmental Health
Perspectives

HONORS and AWARDS

2006 Best student poster, 20th Annual Poster and Exhibit Day, Harvard School of Public
Health

2006 *Participant*, 2nd Annual Summer Institute in Maternal-Fetal Pharmacology, sponsored
by the National Institute of Child Health and Human Development and the Canadian
Institutes of Health Research (IHDCYH).

2007 Trainee award, Summit on Environmental Challenges to Reproductive Health and
Fertility, Department of Obstetrics, Gynecology and Reproductive Sciences, UCSF

and the National Collaborative on Health and the Environment (CHE),

- 2008 Science Communication Fellow, Environmental Health Sciences
- 2009 Paper of Note (Adibi et al. AJE. 2009), Division of Extramural Research and Training (DERT), National Institute of Environmental Health Sciences
- 2011 K-Scholar, Clinical and Translational Science Institute (CTSI) K Scholars Program, University of California, San Francisco
- 2014 In-Training and Early Career Travel Grant, PPTOX IV, Endocrine Society
- 2015 Endocrine Society Outstanding Abstract Awards
- 2016 NIH Award, International Federation of Placenta Associations
- 2017 NIEHS Extramural Paper of the Month (Adibi et al. 2017. EHP)
- 2020 Rising Endocrine Disruptor Research Star, Gordon Research Conference on Environmental Endocrine Disruptors

TEACHING

Graduate Courses

Year(s)	Course Number & Title	Role
2004	Human Physiology	Teaching Assistant
2004	Epidemiology of Environmental and Occupational Health Regulations	Teaching Assistant
2013 – 2016	EOH 2504, Principles of Environmental Exposure	Guest Lecturer
2014 - Present	EPIDEM 2721, Research Seminar in Reproductive, Perinatal and Pediatric Epidemiology	Guest Lecturer
1/6/2016 - 4/30/2016	EPIDEM 2213 - 15849, Independent Study in Causal Mediation Literature	Primary Instructor
2015 - Present	EPIDEM 2720, Reproductive Epidemiology	Guest Lecturer
2016-Present	EPIDEM 2160, Infectious Disease Epidemiology	Guest Lecturer
2017-Present	EPIDEM 2600, Introduction to Molecular Epidemiology	Guest Lecturer
2017	IDM 2038, Prevention, Treatment, and Control of Global Infectious Diseases	Guest Lecturer
2018-Present	EPIDEM 2620, Application of Molecular Biomarkers in Epidemiology	Primary Instructor

MENTORING AND ADVISING

Undergraduate Students

Year(s)	Student's Name & Department/Degree/Discipline	Role
2011	Prihatha Narasimmaraj Summer Intern, Princeton University	Advisor
2018-present	Megan Smith BS – Biological sciences, Statistics	Advisor
2018-present	Pooja Gupta BS- Biological sciences	Advisor

Master's Students

Year(s)	Student's Name & Department/Degree/Discipline	Role
2014-2016	Ethan Blum MS – Epidemiology (2016) Topic: Race disparity in the risk of preeclampsia and the impact of neighborhood indicators	Committee Chair
2016 - 2018	Alyssa Monaghan MPH – Epidemiology (2018) Topic: Sleep and the Risk of Obesity	Advisor
2017	Tori Powell MS – Environmental and Occupational Health (2018) Laboratory training in the study of Zika virus and placental biology	Mentor
2017-2018	Matthew Good MS - Infectious Disease and Microbiology (2018) Topic: The role of human dendritic cells in Zika infection	Committee member
2017	Noel Britton MPH – Epidemiology (2017) Topic: The microbiome and risk of Sarcoidosis	Thesis reader
2017-2018	Li An Lai MS – Epidemiology (May 2018) Topic: Phthalates, placental-fetal hormones, and genital development	Committee member
2019	Kharyla Carpio MS – Epidemiology (2020) Topic: application of molecular biomarkers	Independent study advisor

Doctoral Students

Year(s)	Student's Name & Department/Degree/Discipline	Role
2009 - 2011	Bethann Hromatka, Biomedical Sciences Graduate Program, UCSF PhD (2011)	Mentor
2015	Hsinghua Sylvia Lin Epidemiology (PhD 2017) Topic (Dean's Day Poster): Fast food and rising urinary phthalate metabolites among U.S. adults	Mentor
2015-2016	Rahel Birru Schweitzer Environmental Fellow Topic (Schweitzer Fellowship): Processed and packaged foods, first trimester diets, and healthy fetuses	Site mentor
2016-2018	Abigail Cartus MPH Graduate Student Researcher	Advisor
2018-present	Xiaoshuang Xun MPH Graduate Student Researcher PhD – Epidemiology (expected 2022)	Advisor
2018-present	Qing Yin MS Graduate Student Researcher PhD-Biostatistics (expected 2021)	Co-mentor
leave of absence	Alexandra Miragaia MD PhD – Epidemiology (expected 2021)	Advisor
2019-present	Alexander Layden PhD-Epidemiology (expected 2022)	Advisor
2019-present	MD (expected 2024) Marisa Millenson MS PhD-Epidemiology (expected 2023) MD (expected 2025)	Advisor

2019-present Hai-Wei Liang MS
PhD-Epidemiology (expected 2023) Advisor

Postdoc or Fellow

Year (s)	Trainee Name	Program	Degree	Discipline
2012 – 2013	Lei (Vanessa) Zhan	CIRM Fellow	BS	Placental and stem cell biology
2019 -	Rahel Birru	Epidemiology	PhD (EOH)	Placental biomarkers, epidemiology

RESEARCH

Current research support

Role	Principal Investigator
Years Inclusive:	2018-2023
Title of Grant:	Placental origins of phthalate-induced changes in fetal reproductive development
Funding Agency:	NIEHS
Grant Number:	R01ES029336
Annual Direct Costs	\$488,108
% effort:	25%
Role	Principal Investigator
Years Inclusive:	2018
Title of Grant:	Bridge Funding
Funding Agency:	Vice Chancellor for the Health Sciences
Grant Number:	NA
Annual Direct Costs	\$54,000
% effort:	0%
Role	Principal Investigator
Years Inclusive:	2016-2018
Title of Grant:	Placental molecule secretions measured in early pregnancy are targets of endocrine disruption and are indicators of sex-specific fetal development
Funding Agency:	National Institute of Environmental Health Sciences
Grant Number:	R56ES025728-01A1
Annual Direct Costs	\$150,000
% effort:	0%
Role	Principal Investigator
Years Inclusive:	2016-2018
Title of Grant:	Prenatal and Early Childhood Pathways to Health
Funding Agency:	National Institutes of Health
Grant Number:	1UG3OD023271-01
Role	Principal Investigator on Subcontract, Key Personnel on Grant
Total Amount Awarded:	\$11,538
Years Inclusive:	2014-2015

Title of Grant: Laboratory of Environmental Health, Reproduction, and Development
 Funding Agency: Office of the Senior Vice Chancellor for the Health Sciences, University of Pittsburgh Capital Project Award
 Grant Number: N/A
 Total Amount Awarded: \$108,050

Role: Principal Investigator

Years Inclusive: 2016-2018

Title of Grant: Probing Zika's impact on first trimester placental interferons

Funding Agency: University of Pittsburgh Graduate School of Public Health Cura Zika Alliance

Grant Number: N/A

Past research support

Role: Principal Investigator

Years Inclusive: 6/1/2014 - 6/30/2016

Title of Grant: Applying RNA sequencing technology to gain novel insights into sex-specific placental-fetal interactions in response to phthalate exposure

Funding Agency: University of Pittsburgh Central Research Development Fund

Grant Number: N/A

Annual Direct Costs: \$15,000

% effort: 0%

Role: Principal Investigator

Years Inclusive: 3/16/2012 - 2/28/2016

Title of Grant: Phthalates and Trophoblast Differentiation: from biology to biomarkers

Funding Agency: National Institute of Environmental Health Sciences

Grant Number: 4R00ES017780-03

Total Direct Costs: \$249,000

Total Amount Awarded: \$747,000

Role: Principal Investigator

Years Inclusive: 2/1/2012 - 5/13/2016

Title of Grant: The effects of phthalate exposure on placental development in early pregnancy: a unified approach combining in vitro and in vivo analyses

Funding Agency: Pilot Research Awards for Early Career Investigators utilizing the CTSI - Clinical Research Services NIH/NCRR

Grant Number: N/A

Total amount awarded \$10,000

Role Principal Investigator

Years Inclusive: 6/1/2012 - 5/31/2013

Title of Grant: Prenatal Screening Markers (PSMs) as population-level measures of placental function and phthalate-induced perturbations

Funding Agency: Mount Zion Health Fund

Grant Number: 73794

Total amount awarded \$31,110

Role Principal Investigator

Years Inclusive: 1/1/2012 - 12/31/2012

Title of Grant: Phthalate mixtures in early pregnancy and effects on placental-fetal interactions

Funding Agency: Science Innovation Fund, The Passport Foundation

Grant Number:

Total amount awarded \$40,840

Role Principal Investigator

Years Inclusive: 1/1/2010 - 12/31/2011

Title of Grant: Effects of Phthalates on Trophoblast Differentiation: From Biology to Biomarkers

Funding Agency: National Institute of Environmental Health Sciences

Grant Number: 1K99 ES017780-01

Total Direct Costs: \$83,333

Total Amount \$180,000

Awarded:

% effort 75%

Role Post-doctoral Scholar

Years Inclusive:	2009 – 2010
Title of Grant:	Integrated Training in Reproductive Sciences
Funding Agency:	NICHD
Grant Number:	T32 HD07263
Principal Investigator	Synthia Mellon
Role	Pre-doctoral trainee
Years Inclusive	2002 – 2006
Title of Grant	Harvard Education and Research Center for Occupational Safety and Health
Funding Agency	National Institute of Occupational Safety and Health
Principal Investigator	David Christiani

PUBLICATIONS

- 1) Akhmedkhanov A, Revich B, **Adibi JJ**, Zeilert V, Masten SA, Patterson DG Jr, Needham LL, Toniolo P. Characterization of dioxin exposure in residents of Chapaevsk, Russia. *Journal of Exposure Analysis and Environmental Epidemiology*. 2002 Nov; 12 (6):409-17. PMID: 12415489.
- 2) **Adibi JJ**, Perera FP, Jedrychowski W, Camann DE, Barr D, Jacek R, Whyatt RM. Prenatal exposures to phthalates among women in New York City and Krakow, Poland. *Environmental Health Perspectives*. 2003 Nov; 111 (14):1719-22. PMCID: PMC1241713. PMID: 14594621.
- 3) **Adibi JJ**, Whyatt RM, Williams PL, Calafat AM, Camann D, Herrick R, Nelson H, Bhat HK, Perera FP, Silva MJ, Hauser R. Characterization of phthalate exposure among pregnant women assessed by repeat air and urine samples. *Environmental Health Perspectives*. 2008 Apr; 116 (4):467-73. PMCID: PMC2291011. PMID: 18414628.
- 4) **Adibi JJ**, Hauser R, Williams PL, Whyatt RM, Calafat AM, Nelson H, Herrick R, Swan SH. Maternal urinary metabolites of Di-(2-Ethylhexyl) phthalate in relation to the timing of labor in a US multicenter pregnancy cohort study. *American Journal of Epidemiology*. 2009 Apr 15; 169 (8):1015-24. PMCID: PMC2727228. PMID: 19251754.
- 5) **Adibi JJ**, Hauser R, Williams PL, Whyatt RM, Thaker HM, Nelson H, Herrick R, Bhat HK. Placental biomarkers of phthalate effects on mRNA transcription: application in epidemiologic research. *Environmental Health : A Global Access Science Source*. 2009; 8:20. PMCID: PMC2678110. PMID: 19389254.

- 6) Whyatt RM, **Adibi JJ**, Calafat AM, Camann DE, Rauh V, Bhat HK, Perera FP, Andrews H, Just AC, Hoepner L, Tang D, Hauser R. Prenatal di(2-ethylhexyl)phthalate exposure and length of gestation among an inner-city cohort. *Pediatrics*. 2009 Dec; 124 (6):e1213-20. PMCID: PMC3137456. PMID: 19948620.
- 7) **Adibi JJ**, Whyatt RM, Hauser R, Bhat HK, Davis BJ, Calafat AM, Hoepner LA, Perera FP, Tang D, Williams PL. Transcriptional biomarkers of steroidogenesis and trophoblast differentiation in the placenta in relation to prenatal phthalate exposure. *Environmental Health Perspectives*. 2010 Feb; 118 (2):291-6. PMCID: PMC2831932. PMID: 20123604.
- 8) Just AC, **Adibi JJ**, Rundle AG, Calafat AM, Camann DE, Hauser R, Silva MJ, Whyatt RM. Urinary and air phthalate concentrations and self-reported use of personal care products among minority pregnant women in New York city. *Journal of Exposure Science & Environmental Epidemiology*. 2010 Nov; 20 (7):625-33. PMCID: PMC3110684. PMID: 20354564.
- 9) Whyatt RM, Liu X, Rauh VA, Calafat AM, Just AC, Hoepner L, Diaz D, Quinn J, **Adibi J**, Perera FP, Factor-Litvak P. Maternal prenatal urinary phthalate metabolite concentrations and child mental, psychomotor, and behavioral development at 3 years of age. *Environmental Health Perspectives*. 2012 Feb; 120 (2):290-5. PMCID: PMC3279439. PMID: 21893441.
- 10) Hromatka BS, Ngeleza S, **Adibi JJ**, Niles RK, Tshetu AK, Fisher SJ. Histopathologies, immunolocalization, and a glycan binding screen provide insights into *Plasmodium falciparum* interactions with the human placenta. *Biology of Reproduction*. 2013 Jun; 88 (6):154. PMID: 23575149.
- 11) Adibi JJ, Lee MK, Naimi AI, Barrett E, Nguyen RH, Sathyanarayana S, Zhao Y, Thiet MP, Redmon JB, Swan SH. Human Chorionic Gonadotropin Partially Mediates Phthalate Association With Male and Female Anogenital Distance. *The Journal of Clinical Endocrinology and Metabolism*. 2015 Sep; 100 (9):E1216-24.
- 12) **Adibi JJ**, Lee MK, Saha S, Boscardin WJ, Apfel A, Currier RJ. Fetal sex differences in human chorionic gonadotropin fluctuate by maternal race, age, weight and by gestational age. *Journal of Developmental Origins of Health and*
- 13) **Adibi J**, Burton GJ, Clifton V, Collins S, Frias AE, Gierman L, Grigsby P, Jones H, Lee C, Maloyan A, Markert UR, Morales-Prieto DM, Murthi P, Myatt L, Pollheimer J, Roberts V, Robinson W, Salafia C, Schabel M, Shah D, Sled J, Vaillancourt C, Weber M, O'Tierney-Ginn PF. IFPA meeting 2016 workshop report II: Placental imaging, placenta and development of other organs, sexual dimorphism in placental function and trophoblast cell lines. *Placenta*. 2017 Mar 6. [Epub ahead of
- 14) **Adibi JJ**, Buckley JP, Lee MK, Williams PL, Just AC, Zhao Y, Bhat HK, Whyatt RM. Maternal urinary phthalates and sex-specific placental mRNA levels in an urban birth cohort. *Environmental Health*. 2017 Apr 5; 16 (1):35. PMID: 28381288.
- 15) **Adibi JJ**, Zhao Y, Zhan LV, Kapidzic M, Larocque N, Koistinen H, Huhtaniemi IT, Stenman UH. An Investigation of the Single and Combined Phthalate Metabolite Effects on Human Chorionic Gonadotropin Expression in Placental Cells. *Environmental Health Perspectives*. 2017 Oct 31; 125(10): 107010. PMID: 29089286.

- 16) Xun X, Yin Q, Peddada S, Swan S, Barrett E, Bush N, **Adibi JJ**. Placental human chorionic gonadotropin: an intermediary in the relationship between maternal first trimester body mass index and birthweight in women carrying female fetuses. *American Journal of Epidemiology* (submitted). 2020

Published Proceedings

- 1) **Adibi J**, Burton GJ, Clifton V, Collins S, Frias AE, Gierman L, Grigsby P, Jones H, Lee C, Maloyan A, Markert UR, Morales-Prieto DM, Murthi P, Myatt L, Pollheimer J, Roberts V, Robinson W, Salafia C, Schabel M, Shah D, Sled J, Vaillancourt C, Weber M, O'Tierney-Ginn PF. IFPA meeting 2016 workshop report II: Placental imaging, placenta and development of other organs, sexual dimorphism in placental function and trophoblast cell lines. *Placenta*. 2017 Mar 6. [Epub ahead of print]. PMID: 28284454.

2. Invited Articles

- 1) **Adibi JJ**, Zhao Y, Cartus AR, Gupta P, Davidson LA. Placental Mechanics in the Zika-Microcephaly Relationship. *Cell Host and Microbe*. 2016 Jul 13; 20 (1):9-11: PMID: 27414496.
- 2) **Adibi JJ**, Zhao Y. Placental Transfer of Maternal Obesity: Identifying the Gatekeeper. *Endocrinology*. 2017 Aug 1; 158(8): 2439-2440
- 3) **Adibi JJ**, Layden A, Yin Q, Xun X, Peddada S, Birru R. A toolkit for the application of placental-fetal molecular biomarkers in fetal origins chronic disease epidemiology. *Current Epidemiology Reports* (first revision submitted). 2020.

Review Articles

- 1) **Adibi JJ**, Marques ET Jr, Cartus A, Beigi RH. Teratogenic effects of the Zika virus and the role of the placenta. *Lancet* (London, England). 2016 Apr 9; 387 (10027):1587-90. PMID: 26952548.
- 2) **Adibi JJ**, Layden A, Birru R, Miragaia A, Xun X, Smith M, Yin Q, O'Connor T, Barrett E, Laird D, Snyder N, Mitchell R. First trimester placental mechanisms of teratogenicity: a framework for observational research. Submitted to *Human Reproduction* (in revision)

INVITED ORAL PRESENTATIONS

- 1) 2008 Grand Rounds, Department of Obstetrics and Gynecology, University of Rochester
- 2) 2008 Current Topics in Reproductive and Child Health Seminar Series, Division of Epidemiology, Statistics, and Prevention Research (DESPR), National Institute of Child Health and Development (NICHD)
- 3) 2010 Adibi JJ. Chorionic trophoblasts: a site for understanding forces driving placental development and interactions with environmental toxins. Retreat of the UCSF Center for Reproductive Sciences, San Francisco, CA
- 4) 2011 Magee Women's Research Institute, Pittsburgh, PA
- 5) 2011 UCSF Center for Reproductive Sciences Work in Progress, San Francisco, CA

- 6) 2012 Retreat of the UCSF Center for Reproductive Sciences, San Francisco, CA
- 7) 2012 Department of Preventive Medicine, Icahn School of Medicine at Mt. Sinai, New York, NY
- 8) 2012 Department of Epidemiology, Pitt Public Health, University of Pittsburgh
- 9) 2012 Kaiser Permanente Division of Research, Oakland, CA
- 10) 2012 March of Dimes Prematurity Center, Stanford University School of Medicine.
- 11) 2013 UCSF Center for Reproductive Sciences Work in Progress, San Francisco, CA
- 12) 2013 Department of Pathology and Laboratory Medicine, Brown University, Providence RI
- 13) 2014 Adibi JJ. Environmental endocrine disruptors: placental-fetal interactions. Pitt Public Health Dept. of Epidemiology Seminar Series.
- 14) 2014 Adibi J. Environmental endocrine disruptors: placental-fetal interactions. Presented at: Pitt Public Health Environmental and Occupational Health Seminar Series.
- 15) 2014 Adibi J. Clean Foods and the Fetus. Presented at: Mission and Community Needs Committee; Magee-Womens Hospital of UPMC.
- 16) 2014 Adibi J. Placental protein secretions measured in early pregnancy are targets of endocrine disruption and are indicators of sex-specific fetal development. Presented at: Magee-Womens Research Institute's Work-in-Progress (WIP) Conference & Research Seminar Series.
- 17) 2015 Adibi J, Lee MK, Naimi AI, Barrett E, Nguyen R, Saperston K, Thiet M, Janssen S, Baskin L, Swan SH. Placental human chorionic gonadotropin is associated with sex-specific development and the response to the endocrine disruptor mono-n-butyl phthalate. Oral presentation at: ENDO 2015; San Diego, CA.
- 18) 2015 Brown R, Adibi J. Getting the crap out of our bodies: clean diets for pregnant women. Presented at: Kinks, Locks, and Twists Conference: Health. Beauty. Environment; Kaufmann Center, Hill House Association.
- 19) 2015 Zhao Y, Adibi J. Plastics, Placentas, Genitals, and Small NucleolRNAs. Invited Speaker at: Science 2015 - Unleashed! University of Pittsburgh.
- 20) 2015 Adibi J, Zhao Y, Lee M, Zhan V, Gerona R, Bais A. Invited Speaker, the Environment and Sexual Dimorphism. Presented at: 9th World Congress of Developmental Origins of Health and Disease; Capetown, S. Africa.
- 21) 2016 Adibi J, Zhao Y, Davidson LA, Garcez P, Gupta, P. Does the placenta help or hinder the effects of Zika on the unborn baby? Presented at: Cura Zika Symposium; Pitt Public Health, University of Pittsburgh.
- 22) 2016 Adibi JJ. The Placenta: A Battleground of Viruses, Plastics, and Hormones? In National Institute of Environmental Health Sciences. Keystone Seminar Series. Research Triangle Park, NC. Retrieved from <https://factor.niehs.nih.gov/2016/10/science-highlights/placenta/index.htm>
- 23) 2017 Adibi JJ. Zika virus and microcephaly: Old Biology and New Realities. At Spectroscopy Society of Pittsburgh, Duquesne University.
- 24) 2017 Adibi JJ. Observing the Unobservable: A Biomarker-Based Approach to Fetal Origins Epidemiology. In Pitt Public Health Epidemiology Seminar Series.

- 25) 2017 Adibi JJ. Placental hCG in early pregnancy is a sex-specific target of phthalate exposure and a mediator of development. Invited Speaker in 9th Copenhagen Workshop on Endocrine Disruptors. Copenhagen, Denmark.
- 26) 2017 Blum E, Mendez D, Roberts J, Adibi JJ. Identifying points of origin of race-related difference in preeclampsia risk using clinical and administrative data. Oral presentation at Society for Epidemiologic Research. Seattle, Washington.
- 27) 2017 Seminar series in Endocrine, Developmental & Reproductive Toxicology (Flaws Lab). At University of Illinois. Urbana, IL.
- 28) 2018 One Health One Planet Symposium: Health Impacts: Chemicals of Concern in the Environment. Phipps Conservatory.
- 29) 2018 Michigan Center on Lifestage Environmental Exposures and Disease (M-LEEaD),
- 30) 2018 Department of Environmental Health Sciences, Mailman School of Public Health,
- 31) 2018 International Society for Environmental Epidemiology Annual meeting. Symposium speaker, Diving deep: mechanisms of endocrine disruptors in pregnancy and relevant biomarkers. Ottawa, Canada
- 32) 2019 Teratology Society: Sea Changes in Birth Defects Research and Prevention. Symposium speaker, Environmental Exposures from Placenta to Birth: Effects on Immunity. San Diego, CA.
- 33) 2020 Gordon Conference in Endocrine Disruption. Sunday River, Maine (postponed to 2022)
- 34) 2020 U.S. Society on Developmental Origins of Health and Disease, UNC, NC
- 35) 2021 Endocrine Society 2021, San Diego, CA (reschedule from 2020)
- 36) 2021 Society for Pediatric Pathology, Portland, OR (postponed to 2022)

POSTER PRESENTATIONS

- 1) Adibi JJ, Whyatt RM, Camann C, Peki K, Jedrychowski W, and Perera FP. Phthalate diester levels in personal air samples during pregnancy in two urban populations. Poster presentation at: Indoor Air 2002. Monterey, CA.
- 2) Adibi JJ, Jayes FJ, Calafat AM, Hauser R, Davis BJ. Maternal Phthalate Exposures and Effects on Pregnancy and Fetal Growth. Poster presentation at: Gordon Research Conference on Environmental Endocrine Disruptors 2004. Colby-Sawyer College, NH
- 3) Adibi JJ, Bhat HK, Whyatt RW, Williams PL, Nelson HN, Hauser R. Placental gene expression as a novel biomarker in reproductive epidemiology. Poster presentation at: Gordon Research Conference on Environmental Endocrine Disruptors 2006. Barga, Italy
- 4) Adibi JJ, Hauser R, Williams PL, Whyatt RM, Calafat AM, Nelson HN, Herrick R, Swan SH. Urinary metabolites of DEHP phthalate in relation to the timing of labor. Poster presentation at: Summit on Environmental Challenges to Reproductive Health and Fertility, 2007, University of California, San Francisco.

- 5) Adibi JJ, Hauser R, Williams PL, Bhat HK, Davis BJ, Perera FP, Whyatt RM. Placental gene expression as a biomarker of placental function in relation to maternal phthalate exposure: preliminary results. Poster presentation at: Future Research on Endocrine Disruption: Translation of Basic and Animal Research to Understand Human Disease, 2007, National Institute of Environmental Health Sciences, Durham, NC
- 6) Adibi JJ, Hauser R, Williams PL, Bhat HK, Davis BJ, Perera FP, Whyatt RM. Molecular targets of phthalate exposure in utero: a preliminary analysis of gene expression in 54 human placentas and the timing of labor. Poster presentation at: Gordon Research Conference on Environmental Endocrine Disruptors 2008. Waterville Valley, NH.
- 7) Adibi JJ, Genbacev O, Kapidzic M, Gormley M, Marchand M, Giudice L, Fisher S. Identifying and characterizing trophoblast progenitors in first trimester chorionic membranes: new insights into the human niche. Poster presentation at the Retreat of the UCSF Biomedical Sciences Graduate Program; Lake Tahoe, CA 2009.
- 8) Adibi JJ and members of The Fisher Laboratory. The human chorion: a new frontier in placental biology. Poster presentation at the annual retreat of the UCSF Center for Reproductive Sciences (CRS), 2010, San Francisco, CA.
- 9) Adibi JJ. Are your plastics messing up your plasticity? Using stem/progenitor cells to model chemical exposures in pregnancy. Stem Cell Workshop. Eli and Edythe Broad Center of Regeneration Medicine and Stem Cell Research at UCSF, San Francisco, 2011.
- 10) Hassis M, Braten B, Albertolle M, Adibi JJ, Niles R, Fisher SJ, Williams K. Monitoring Plasma and Serum Integrity Using Quantitative Mass Spectrometry. ASMS (American Society for Mass Spectrometry) Conference on Mass Spectrometry and Allied Topics. 2011, Denver, CO.
- 11) Adibi JJ, Gormley M, Thomas S, Boscardin J, Zota AR, Kapidzic M, McMaster M, Fisher SJ. Mono-n-butyl (MnBP) induces a “precious” phenotype in the human placenta. Poster presentation at the Gordon conference on Environmental Endocrine Disruptors; 2012. Mount Snow Resort, NH
- 12) Adibi JJ, Gormley M, Thomas S, Boscardin J, Zota AR, Kapidzic M, McMaster M, Fisher SJ. Mono-n-butyl (MnBP) induces a “precious” phenotype in the human placenta. Poster presentation at the New York Academy of Sciences Conference on Fetal Programming and Environmental Exposures Implications for Prenatal Care and Pre-Term Birth; 2012.

- 13) Adibi J, Gormley M, Thomas S, Zhan L, Winn V, Fisher S. Sexual differentiation of the human placenta. Poster presented at: The Endocrine Society Meeting; 2013 Jun; ENDO, San Francisco
- 14) Adibi J, Lee M, Naimi AI, Barrett E, Nguyen R, Saperston K, Thiet M, Janssen S, Baskin L, Swan SH. Placental human chorionic gonadotropin is associated with sex-specific development and the response to the endocrine disruptor mono-n-butyl phthalate. Poster presented at: PPTOX IV: Environmental Stressors in Disease and Implications for Human Health; 2014 Oct 26-29; Boston, MA.
- 15) Adibi J, Zhao Y, Lee M, Stenman U, Huhtaniemi I, Zhan V, Kapidzic M, Bhat HK, Just AC, Whyatt RM, Fisher SJ. The placenta as a site of endocrine disruption: an association and its experimental confirmation. Poster presented at: Society of Epidemiologic Research; 2015 Jun 17-19; Denver, CO.
- 16) Adibi J, Kinnee EJ, Duan C, Lee M, Zhao Y, Saha SR, Weldon RH, Gunier R, Eskenazi B, Talbott E, Currier RJ, Clougherty JE. A spatio-temporal assessment of population-level pesticide use and its correlation with a sexually dimorphic placental hormone. Poster presented at: Society of Epidemiologic Research; 2015 Jun 17-19; Denver, CO.
- 17) Lin HS, Siminerio L, Denic H, Keich Y, Adibi J. Fast food and rising urinary phthalate metabolites among U.S. adults. Poster presented at: International Symposium of Environmental Medicine; 2015 Oct 16-17; Taiwan.
- 18) Blum ES, Mendez DD, Roberts JM, Adibi JJ. Maternal sources of stress within her combined individual and neighborhood environment and the risk of preeclampsia. Poster presented at: Office of Health Sciences Diversity Poster Day; 2016 May; University of Pittsburgh. Received first place prize for Masters students.
- 19) Adibi J. Bench to population: translating hCG biology to the sex-specific effects of endocrine disruptors on fetal development. Poster presented at: International Federation of Placenta Associations; 2016 Sep 13-16; Portland, OR., <http://gateway.webofknowledge.com/> Received NIH Award.
- 20) Adibi, JJ, Zhao Y, Gerona R, Snyder N, Zhan L, Stenman UH. Gestational Sac Endocrinology: New Insights into First Trimester Placental Function before and after the Onset of Maternal Blood Flow, By Fetal Sex, and By Phthalate Exposure. Poster session presented at the meeting of ENDO 2017. 2017 Apr 1. Orlando, FL.
- 21) Adibi JJ, Cartus AR, Kinnee E, Dodson Z, Zhao Y, Talbott E, Clougherty JE, Saha S. Can we learn about environmental risk to placental-fetal health from ZIP-code level pesticide exposure assignment? Society for Epidemiologic Research; 2018 June 19-22; Baltimore, MD.
- 22) Adibi JJ, Qing Y, Xun X, Bellavia A, Buckley J, Barrett E, Swan SH. Do Hormones Indicate Fetal Endocrine Disruption? Society for Reproductive Investigation; 2019 March 12-16; Paris, France.

- 23) Adibi JJ, Xun X, Carroll K, Adgent M, Lewinn K, Peddada S, Zoeller T, Tylavsky F, Koistinen H, Stenman UH. Does hCG-alpha supplant TSH during the fetal period to promote brain development? The Endocrine Society; 2019 March 23-26; New Orleans, LA.
- 24) Liang HW, Snyder N, Birru R., Carroll K., Xun X., LeWinn K., Bush N, Tylavsky F, **Adibi JJ**. Reversal of association between prenatal phthalate levels and birth size when measuring phthalates in placental tissue versus maternal urine. International Society for Environmental Epidemiology. 2020 August 23-27 (online)
- 25) Smith, M., Snyder, N., Birru, R., **Adibi, J.J.** Insight into a first trimester human placental mechanism of fetal endocrine disruption. International Society for Environmental Epidemiology. 2020 August 23-27 (online)
- 26) **Adibi JJ**, Birru R, Xun X, Snyder N, Mitchell R, O'Connor T, Barrett T. A 4-DAG approach to model first trimester exposures and child health outcomes. Society for Epidemiologic Research (accepted as poster) 2020 December (online)

SERVICE

Service to Internal Organizations

Department Committees

2014 - Present	Member, Curriculum Committee. As a member of this committee, I have initiated a Methods Update Group for faculty.
2015 - 2016	Judge, Dean's Day, University of Pittsburgh Graduate School of Public Health
2018	Member, Committee on Service, Department of Epidemiology Strategic Update

School/University Committees

2013-2014	Committee member, Jonas Salk Centenary Symposium on Sustainability: Survival of the Wisest
2014 - Present	Committee Member, Pitt Public Health Environmental Epidemiology
2017- Present	Member, Center for Health Equity, Graduate School of Public Health

Manuscript Publication Review

- 1 American Journal of Epidemiology
- 2 Biological Research
- 3 Cells
- 4 Cell Host Microbe
- 5 Epidemiology
- 6 Endocrinology
- 7 Environmental Health Perspectives
- 8 Environmental Health

- 9 Environment International
- 10 Frontiers in Public Health
- 11 Human Reproduction
- 12 International Journal of Hygiene and Environmental Health
- 13 Journal of American Medical Association
- 14 Journal for the Developmental Origins of Health and Disease
- 15 Journal of Exposure Science and Environmental Epidemiology
- 16 Molecular and Cellular Endocrinology
- 17 Pediatric Research
- 18 Placenta
- 19 Plos One
- 20 Reproductive Sciences
- 21 Reproductive Toxicology
- 22 Total Environment
- 23 Toxicology Reports
- 24 Trends in Endocrinology and Metabolism

Government Grant Reviewer

- 2008 Grant Review, Health Canada's Chemicals Management Plan Research Fund
- 2015 Epidemiology Research Support Services, National Institute of Environmental Health Sciences
- 2017 Early career ad-hoc member, Integrated Clinical Endocrinology and Reproduction, National Institutes of Health
- 2017-2018 Reviewer, K99/R00 Pathways to Independence Internet Assisted Meeting (IAM), National Institute of Environmental Health Sciences
- 2018-2019 Reviewer, Time-sensitive Hurricane-Related R21, National Institute of Environmental Health Sciences
- 2018 Reviewer, Coordinating and Advancing Human Biomonitoring in Europe to Provide Evidence for Chemical Policy Making (HBM4EU), a joint effort of 28 countries, the European Environment Agency and the European Commission, INSERM, Paris, France.
- 2018 Reviewer, Endocrinology, Metabolism, Nutrition, and Reproductive Sciences (EMNR) Integrated Review Group (IRG), Center for Scientific Review (CSR), NIH.
- 2018 External reviewer for applications to the National Institutes of Health (NIH) National Institute of Environmental Health Sciences (NIEHS) Superfund Hazardous Substance Research and Training Program (P42 Clinical Trial Optional), The Implementation Group (TIG), Washington, DC.
- 2019 Reviewer, Special Emphasis Panel/Scientific Review Group 2019/10 ZES1 JAB-D 1, Evaluation of the P42 SUPERFUND Research Grant Applications, National Institute of Environmental Health Sciences (NIEHS)
- 2020 Ad hoc reviewer, The Infectious, Reproductive, Asthma and Pulmonary Conditions (IRAP) Study Section, Center for Scientific Review (CSR), NIH.

Other Review Activities

2011 Reviewer, Indicators for America's Children and the Environment, U.S. Environmental Protection Agency

2014 – 2015 Reviewer, Harvard-NIEHS Center for Environmental Health

2015 – 2016 Judge, Dean's Day, University of Pittsburgh Graduate School of Public Health

2017 Reviewer, Fulbright Committee, University of Pittsburgh

2017 Poster Judge, Society for Epidemiologic Research

2019 Reviewer, Center for Environmental Health and Susceptibility (CEHS), University of North Carolina

Service to External Organizations

Public Policy and Programs

2001 Consultant, Office of International Activities, U.S. Environmental Protection Agency

2003 Consultant, Russian Association of Indigenous Peoples of the North

2003 Consultant, Massachusetts Department of Public Health

Community Services

2016 Education / Training, Career Day, Environmental Charter School

2016 – 2017 Mentor, Coming of Age Program for 8th and 9th Graders, First Unitarian Church of Pittsburgh

2017 Education / Training, STEAM Showcase, Pittsburgh Montessori

2018 Invited member, Science Advisory Board, Women for a Healthy Environment, Pittsburgh PA.

2018 Invited member, Health and Science Node, Cancer Free Economy National Network

Other Professional Activities

2014-2015 Application to Pitt Innovation Challenge (PINCH)
2-minute video on PeaPod Pregnancy Intervention Concept
https://youtu.be/4GbFoWG_L2M

2015 Phthalates and Pregnancy, video interview with Allison Hydzik, University of Pittsburgh News
https://youtu.be/Q9J_40Off9M

2015 Presenter, Community Form titled, "Protecting our Children's Health: How our Environment Plays a Role." Sponsored by Women for a Healthy Environment and The Heinz Endowments. Kaufman Center, Hill District, Pittsburgh, PA

2017 Invited Presenter, Spectroscopy Society of Pittsburgh, "Zika Virus and Microcephaly: Old Biology and New Realities"

2017 Invited Co-Chair, Female Reproductive Endocrinology: From Pregnancy to Menopause, ENDO 2017, Orlando, FL

2018 Invited Chair, Maternal Fetal Interactions for Healthy Gestation, ENDO 2019, New Orleans, LA

- 2019 Invited Presenter on Plastics and Health, Annual Fundraiser, Women for a Healthy Environment, Pittsburgh Golf Club, May 1 2019
- 2020 Invited Chair, Placenta Intra and Extracellular Vesicle Trafficking Impacts, ENDO 2019, San Francisco, CA