

Hi Peter,

If we're going to get you nominated this year, we better get moving. We need a primary nominator. Recall Jim suggested section 2: "Biochemistry, Cellular & Developmental Biology, Medical Microbiology and Immunology, Genetics" with cross-listing in bridging Section 9: "Public Health, Biostatistics, and Epidemiology". He agreed last year to be your co-nominator for Section 9, so I need you to give me someone in Section 2 who might carry the nomination.

OK what about the following:\

US members

- Enriqueta Bond
- Don Burke
- Arturo Casadevall
- Pat Conrad
- Michael P. Doyle
- Harvey Fineberg
- Baruch Fischhoff
- Roger Glass
- Jesse L. Goodman
- David Heymann
- Gerald Keusch
- Lonnie King
- Terry McElwain
- Michael Osterholm
- David Relman

Foreign members:

- Roy Anderson
- Sarah Cleaveland
- Andrew Haines, London School of Hygiene and Trop Med.
- Oyewale Tomori
- Chen Zhu

The 2017 Subject Emphasis is SOCIAL AND ENVIRONMENTAL DETERMINANTS OF HEALTH. So we will want your application to emphasize the following:

Identify candidates with expertise in the social, environmental, legal, and behavioral determinants of health in individuals and populations and health inequalities between groups and the biological processes that underlie them. Areas of expertise included, but are not limited to

- i. Social determinants (e.g. social structures and economic/legal systems contributing to health inequities including: poverty, discrimination, gender, sexual orientation, education and job opportunities, social support, networks, and social interaction, cultural and religious influences)
- ii. Environmental determinants (e.g. physical and built environments including: density, safety/crime/violence, transportation, toxic exposures)

- iii. Health literacy
- iv. Genetic interactions with social and environmental determinants of health
- v. Development and testing of interventions and novel strategies to modify social, behavioral and environmental determinants of health

In addition, we will want the materials to take the following into consideration, in that the application must:

1. Convey this clearly: WHY SHOULD THE CANDIDATE BE AN NAM MEMBER?
 - a. The sections on sponsor statement, contributions (past/future), and citation are critical.
 - b. Identify candidate’s impact in terms that are understandable to those less familiar with the field.
2. Avoid these common errors in the candidate’s personal information:
 - a. Missing or excessive contact information
 - b. Missing demographic information
 - c. Incorrect date of birth, citizenship information
3. Avoid these common errors in nomination details:
 - a. Wrong section or subsection
 - b. Missing bridging section where applicable
 - c. Institutional affiliation of both sponsors is the same as the candidate (at least one must be from an entirely separate institution)
 - d. >10 (maximum allowed) bibliographic citations

In addition to a co-nominator, I will need the following information in a Word document:

CANDIDATE: Name, Credentials, Institution

Type of Nomination: Regular/66+/Intl Section/Subsection: (#)/(x) Bridging Section(s): (#)

Demographics: Female Racial & Ethnic Diversity

Caucasian, half-Ukrainian, quarter English, quarter Welsh

Geographic Location: [state/country] NY/USA Age: [effective October 1] 51

Subject Emphasis Social and Environmental Determinants of Health

SPONSORS: Name, Institution
Name, Institution

PAST AND POTENTIAL CONTRIBUTIONS TO NAM:

[~6 lines]

Forum on Microbial Threats, member (2010-), chair-elect (2017-); Member, Forum on Microbial Threats workshop planning committees on vector-borne diseases (2014), global environmental change and infectious disease dynamics (2013), and briefing on H7N9 influenza and MERS-CoV (2013); Member, NAS-IOM Committees on “achieving sustainable global capacity for

surveillance and response to emerging diseases of zoonotic origin” (2008-9) and “National needs for research in veterinary science” (2004-5); Speaker at IOM workshops on rapid medical countermeasure response to infectious disease (2014), fungal diseases (2010), and H1N1 (2009); Reviewer, IOM report, Infectious disease movements in a borderless world (2009).

CITATION OF ACCOMPLISHMENT: (50 words)

Identified the animal origin and drivers of emerging viruses (SARS, Nipah, Hendra, MERS), mapped socioeconomic and ecological causes to identify global emerging disease hotspots. Won 2000 CSIRO medal for collaborative research, member of the Cosmos Club, Editor-in-Chief of EcoHealth, member and Chair-elect of the NASEM Forum on Microbial Threats.

PROPOSERS’ STATEMENT:

[~13 lines]

Here’s my short bio (very boastful). Please take what you can from that. Also, Jim mentioned I should highlight international reputation, but the form doesn’t ask much about that. I’ve put some examples after brief bio...

Dr. Peter Daszak is President of EcoHealth Alliance, a US-based organization that conducts research and outreach programs on global health, conservation and international development. Dr. Daszak’s research has been instrumental in identifying and predicting the impact of emerging diseases across the globe. His achievements include identifying the bat origin of SARS, identifying the underlying drivers of Nipah and Hendra virus emergence, producing the first ever global emerging disease ‘hotspots’ map, developing a strategy to find out how many unknown viruses exist that could threaten to become pandemic, identifying the first case of a species extinction due to disease, and discovering the disease chytridiomycosis as the cause global amphibian declines. Dr Daszak is a member and Chair-elect of the National Academy of Sciences, Engineering and Medicine’s Forum on Microbial Threats, the NRC Advisory Committee to the US Global Change Research Program, the Supervisory Board of the One Health Platform, the One Health Commission Council of Advisors, the CEEZAD External Advisory Board, the Cosmos Club, the Advisory Council of the Bridge Collaborative; has served on the IOM Committee on global surveillance for emerging zoonoses, the NRC committee on the future of veterinary research, the International Standing Advisory Board of the Australian Biosecurity CRC; and has advised the Director for Medical Preparedness Policy on the White House National Security Staff on global health issues. Dr. Daszak is a regular advisor to WHO, OIE and FAO, and is actively involved in the WHO Expert group on Public Health Emergency Disease Prioritization. Dr Daszak won the 2000 CSIRO medal for collaborative research on the discovery of amphibian chytridiomycosis, is the EHA institutional lead for USAID-EPT-PREDICT, is on the Editorial Board of Conservation Biology, One Health, and Transactions of the Royal Society of Tropical Medicine & Hygiene, and is Editor-in-Chief of the journal Ecohealth. He has authored over 300 scientific papers, and his work has been the focus of extensive media coverage, ranging from popular press articles to television appearances.

PRIMARY FIELD & AREA OF SPECIALIZATION OR EXPERTISE:

[3 lines]

Infectious diseases, specializing in analyzing the underlying socio-economic and environmental drivers of infectious disease epidemics. Novel collaborative ('one health') approaches - designing modeling and analytical strategies to predict and prevent emergence and spread.

CURRENT EMPLOYMENT:

[up to 3]

President, CEO, and Chief Scientist, EcoHealth Alliance, a US based international non-profit conducting scientific research and outreach programs on emerging diseases globally, 2008-.

PRINCIPAL PREVIOUS EMPLOYMENT:

[up to 3]

Executive Director, Consortium for Conservation Medicine, 2001-2008

Faculty Postdoctoral Researcher, University of Georgia, 1999-2001

Guest Researcher, Centers for Disease Control and Prevention, 1999

RESIDENCIES OR FELLOWSHIPS:

[up to 5]

EDUCATION:

[up to 3, highest first]

Ph.D University of East London, UK, parasitology (1994)

B.Sc. (hons.) Bangor University, UK, Zoology with Applied Zoology (1987)

PRINCIPAL HONORS, AWARDS:

[~6 lines]

Robert Leader Endowed Lecturer, Michigan State Univ. (2015); Hsu-Li Distinguished Lectureship in Epidemiology, Univ. Iowa (2013); Elected member of the Cosmos Club, Washington DC (2012); honored with naming of a parasite (2012) and centipede (2001) species; Speaker at TEDMED; Presidential Lecturer, Univ. Montana (2008); Finalist, NIH Director's Pioneer Award (2007); Zayed Prize, authors of "Millennium Ecosystem Assessment" (2006); Silver Medal for collaborative research, CSIRO (2000); Meritorious service award, CDC (1999).

CURRENT MAJOR GRANT(s):

[~2 lines]

Institutional lead, USAID EPT2- PREDICT-2 Consortium (\$118 million). Chief of Party, USAID RDMA IDEEAL (\$2.5 million): how land use change drives infectious disease risk. PI, R01AI110964 (\$3.1 million): how wildlife hunting and trade drives risk of SARS in China.

MAJOR NATIONAL LEADERSHIP POSITIONS, SOCIETIES AND BOARDS:

[~5 lines]

NRC Committee to advise the US Global Change Research Program (USGCRP); NRC review committee, National Climate Assessment report, 2015 & NEON report 2004; External Advisory Board, DHS CEEZAD; Supervisory Board, One Health Platform; Council of Advisors, One Health Commission; Editorial Board, One Health, Trans Roy Soc Trop Med Hyg, Conserv Biol;

Editor-in-Chief EcoHealth; Review panels for NIAID, NIH/NSF EEID, NIH IRAP, CDC; Steering committee NIAID workshops on bat viruses & viral zoonoses; briefed White House OSTP, Director for Medical Preparedness & Policy, and Pandemic Prediction and Forecasting STWG.

2016 WHO: Expert group on Public Health Emergency Disease Prioritization
2016 - Co-Chair Future Earth Health KAN Development Committee
2016- International Advisory Group, No More Epidemics
2015 WHO: Expert group on characterization of emerging disease threats for R&D
2011- Scientific Advisory Board, VIZIONS: Vietnam Initiative on Zoonotic Infections (Oxford Univ CRU, Ho Chi Minh City).
2009 FAO-OIE-WHO: Organizing Committee, Joint Technical Consultation on Influenza and Other Emerging Zoonoses at the Human Animal Interface.
2008 Parliamentary Forum on Emerging Diseases, One Health and Biosecurity, Australia
2007-10 DIVERSITAS (UNESCO/ICSU): Executive Committee member, Treasurer
2006-14 DIVERSITAS (UNESCO/ICSU): Chair, ecoHEALTH Cross-Cutting Network
2006-10 OIE (World Organization for Animal Health) ad hoc committee on amphibian diseases
2005 Planning Committee ESSP Joint Project on GEC & Human Health.
2005-10 Intl. Ecohealth Assoc: Charter Board, Treasurer, Chair of Development Committee, Co-Chair of Membership Committee.
2004-7 DIVERSITAS (UNESCO/ICSU): Scientific Committee
2004-10 Australian Biosecurity CRC – International Advisory Standing Committee
2006-8 Amazon Ctr. Envl. Educ. & Research Foundation (ACEER) Scientific Advisory Board
2002-5 Millennium Ecosystem Assessment: Lead Author, human health
2002 WHO/UNEP working grp. V: Ecosystem disruption, biodiversity & infectious diseases
1998-9 IUCN Species Survival Commission: consulted by Veterinary Specialist Group, Passerine TAG and Pacific Island Land Snail Group

SELECTED BIBLIOGRAPHY:

[up to 10 items] *=corresponding author

1. Murray KA, Preston N, Allen T, Zambrana-Torrel C, Hosseini PR, Daszak P (2015) Global biogeography of human infectious diseases. **PNAS** 112:12746-12751
2. Pike J, Bogich TL, Elwood, SE, Finnoff DC, Daszak P*. (2014). Economic optimization of a global strategy to address the pandemic threat. **PNAS**.111:18519-18523
3. Ge X-Y, Li J-L, Yang X-L, Chmura AA, Zhu G, Epstein JH, Mazet JK, Hu B, Zhang W, Peng C, Zhang Y-J, Luo C-M, Tan B, Wang N, Zhu Y, Crameri G, Zhang S-Y, Wang L-F, Daszak P*, Shi Z-L* (2013). Isolation and characterization of a bat SARS-like Coronavirus that uses the ACE2 receptor. **Nature** 503: 535-538.
4. Morse SS, Mazet JAK, Woolhouse M, Parrish CR, Carroll D, Karesh WB, Zambrana-Torrel C, Lipkin WI, Daszak P* (2012). Prediction and prevention of the next pandemic zoonosis. **Lancet** 380:1956-1965.

5. Keesing F, Belden LK, Daszak P, Dobson A, Harvell CD, Holt RD, Hudson P, Jolles A, Jones KE, Mitchell CE, Myers SS, Bogich T & Ostfeld RS. (2010). Impacts of biodiversity on the emergence and transmission of infectious diseases. **Nature** 468:647-652.
6. Smith KF*, Behrens M, Schloegel LM, Marano N, Burgiel S & Daszak P* (2009). Reducing the risks of the wildlife trade. **Science**, 324: 594-595.
7. Jones KE, Patel NG, Levy MA, Storeygard A, Balk D, Gittleman JL & Daszak P* (2008). Global trends in emerging infectious diseases. **Nature** 451: 990-993.
8. Kilpatrick AM, Chmura AA, Gibbons DW, Fleischer RC, Marra PP & Daszak P (2006). Predicting the global spread of H5N1 avian influenza. **PNAS** 103: 19368-19373.
9. Li W, Shi Z, Yu M, Ren W, Smith C, Epstein JH, Wang H, Crameri G, Hu Z, Zhang H, Zhang J, McEachern J, Field H, Daszak P, Eaton BT, Zhang S & Wang L-F (2005). Bats are natural reservoirs of SARS-like coronaviruses. **Science** 310: 676-679.
10. Daszak P*, Cunningham AA & Hyatt AD (2000). Emerging infectious diseases of wildlife - threats to biodiversity and human health. **Science** 287: 443-449