A. Biennial Business Meeting:

1. Attendance:
   Gayle Davis, Cardiff Metropolitan University, Cardiff, Wales, UK
   DT Ratnapradipa, Southern Illinois University, Carbondale, Illinois, USA
   Alastair Tomlinson, Cardiff Metropolitan University, Cardiff, Wales, UK
   Chuck Treser, University of Washington, Seattle, Washington USA (Chair)
   Kathy Young, Dublin Institute of Technology, Dublin, Ireland

2. Agenda:
   a. Given the light attendance the meeting became an informal discussion among those present of the current status of the IEHFF; current issues and themes facing the Faculty Forum and Environmental Health education, and future directions to be taken by the Faculty Forum.
   b. Chair’s Report: Mr. Treser presented a brief update on what has been accomplished over the past two years since the meeting in Vilnius, Lithuania.
      1) First he relayed that his co-chair, Barbara Delaney (DIT) sends her regrets at not being able to attend the meeting this year.
      2) IFEH Status: At the last meeting it was decided that the Forum should seek some kind of official recognition within the International Federation of Environmental Health (IFEH). Following a series of discussions with the leadership of the IFEH, the IEHFF has now been recognized as a Special Interest Group (SIG) within the IFEH. This means that the IEHFF has a seat at the table, but not voting privileges, at meetings of the IFEH Council and General Meetings.
      3) Communications: One of the tasks that the IEHFF leadership was asked to undertake at the Vilnius meeting, was to investigate using communication tools like WebEx, LinkedIn, FaceBook, Google Groups, etc. In 2012 we established a LinkedIn group for the IEHFF. This service was selected because it is: (a) free; (b) readily available across the globe; and, (c) easy to use. While not perfect for our needs, the LinkedIn Group now has 42 active members and it is hoped that it will continue to grow as more EH faculty become involved with the Forum. A related task with which we were charged in Vilnius was to seek to establish a web presence on the IFEH website, with a link to whatever communication tool is selected. That was readily accomplished with the
assistance of the IFEH webmaster and President Elect, Henning Hansen. The internet link to the IEHFF website is: http://www.ifeh.org/iehff/index.html/.

4) **IEHFF 2014 Programme:** A successful call for papers for the 2014 meeting was initiated using the LinkedIn listserv, and the attendance lists from the previous several biennial meetings of the Faculty Forum. The results were that 16 abstracts were submitted to be reviewed by the Forum co-chairs, of which 12 were accepted for presentation at this meeting. Unfortunately one of the authors had to withdraw his paper as a conflict developed with his schedule which prevented him from attending.

c. **Old Business:**
The one item of old business discussed in Vilnius that was not pursued over the past two years was the development of bylaws for the IEHFF. This item was discussed by those present and the consensus was that given the relatively informal nature of the IEHFF, that such a formal structure as implied by the establishment of a constitution and bylaws was probably not needed at this time, however, it might helpful to develop a letter or memorandum of understanding describing the organization and purpose of the IEHFF and our understanding of our relationship with the IFEH.

d. **New Business:**
1) **IFEH Journal:** Ms Kathy Young stated that she has taken on the editorship of the IFEH Journal and has now published two issues. We discussed how members of the Forum might be encouraged to submit articles to the Journal, especially articles related to the education of EH practitioners, which might not be quite suitable for publication as research in the more traditional peer-reviewed journals, but might be of considerable interest to the members of the IFEH organisations. Kathy also indicated that there is some talk within the IFEH or moving to a peer reviewed journal at some point in the future.

2) **Future IEHFF Meetings:** The next meeting of the Faculty Forum will be in 2016 in Malawi, Africa. We talked about organizing the meeting around themes and intermixing papers related to the themes with more time for general discussion of the concepts and issues raised. Some of the possible themes discussed were:
   - International EH Systems & Curricula -- looking at how environmental health services are organized and delivered in various countries around the globe and the implications of this for EH education;
   - Reciprocity among member countries -- is there a need for reciprocity, how might it work?;

c. **Adjournment:** The business portion the meeting was adjourned by common consent at 11:30 a.m., to be reconvened at 1:00 p.m., across the hall in Condesa Rooms 5&6; at which time we will be joined by members of the U.S. Environmental Health Accreditation Council.
B. Presentation of Papers:

Welcome / Introductions
Chair: Charles D. (Chuck) Treser, University of Washington, Seattle, USA

Attendees
Brennan, Maurice - University of Birmingham, UK
Brown, D. Gary - Eastern Kentucky University, USA
Burgess, Lynn - Dickinson State University, North Dakota, USA
Davis, Gayle - Cardiff Metropolitan University, Wales, UK
Dawson, Henry - Cardiff Metropolitan University, Wales, UK
Deem, Tom - The Boeing Company, Practitioner EHAC, USA
El-Ahraf, Amer - California State University, Dominguez Hills, USA
Gilkey, David - Colorado State University, USA
Hatfiled, Tom - California State University, Northridge, USA
Konkel, Steve - University of Alaska, USA
LaFollette, Sharron - University of Chicago, Springfield, USA
Leite eSa, Nelson - Coimbra Health School, Portugal
Lewis, Jason - USPHS/USCG Environmental Health Officer, USA
Marion, Jason - Eastern Kentucky University Richmond, Kentucky, USA
Mian, Lal - California State University, San Bernadino, USA
Morris, Milton - Benedict College EHS Program, USA
Murphy, Tim - University of Findlay, Ohio, USA
Pressley, Sheila - Eastern Kentucky University, Richmond, Kentucky, USA
Ratnapradipa, Dhitinut (DT) - Southern Illinois University, Illinois, USA
Sauvant-Rochat, Marie-Pierre - University of Auvergne, France
Shorten, Chuck - West Chester University, West Chester, Pennsylvania, USA
Tomlinson, Alastair - Cardiff Metropolitan University, Wales, UK
Treser, Chuck - University of Washington, Seattle, Washington, USA
Turco, Tom - Boise State University, Idaho, USA
Vierra da Silva, Manuela - Health Science School of Porto, Porto, Portugal
Young, Kathryn A - Dublin Institute of Technology Ireland, Dublin, Ireland

Paper Presentations - EH Curricula
2014-02: Preparing and Advancing EH Practitioners: Balancing Breadth and Depth of Science
Presented by: Dhitinut (DT) Ratnapradipa, MPA, MS, PhD, Associate Professor, Southern Illinois University, Carbondale, Illinois, USA
E-mail: dhitinut@siu.edu

2014-03: Training to Environmental Health in the French Faculties of Pharmacy
Presented by: Marie-Pierre Sauvant-Rochat, PhD, DrPH, PharmD, Professor of the University of Auvergne, Clermont-Ferrand, France
E-mail: m-pierre.sauvant-rochat@udamail.fr

2014-11: A Joint European Master of Environmental Health Project
Presented by: Nelson Leite e Sá, BSc, MSc, PhD Student in Environmental and Occupational Health, Coimbra Health School, Portugal
2014-08: Development of New Online Courses in Environmental Health
Presented by: Thomas N. Turco, M.S., Lecturer in Environmental Health, Boise State University, Boise, Idaho, USA
Email: thomasturco@boisestate.edu

2014-05: Designing a Training Programme for the Wider Public Health Workforce in Wales
Presented by: Mrs. Gayle Davis, MPH, Lecturer in Environmental Health, Cardiff Metropolitan University, Cardiff, Wales, UK
E-mail: gdavis@cardiffmet.ac.uk

Paper Presentations - Quality Assurance
2014-10: Applying Threshold Concepts to Undergraduate Environmental Health Curriculum Design
Presented by: Alastair Tomlinson, Senior Lecturer in Environmental Health, Cardiff Metropolitan University, Cardiff, Wales, UK
E-mail: agtomlinson@cardiffmet.ac.uk

2014-01: Environmental Health Accreditation Guidelines: Building Undergraduate Programs of Academic Excellence
Presented by: David P. Gilkey, D.C., Ph.D., CPE, Associate Professor, Colorado State University, Fort Collins, Colorado, USA
E-mail: dgilkey@colostate.edu

Presented by: Manuela Vieira da Silva, Allied Health Science School of Polytechnic of Porto, Portugal
E-mail: m.silva@eu.ipp.pt

Paper Presentations - EH Practica, Internships and Field Placements
2014-07: Real Life Assessment: An example of a Students Learning with Communities Project within a Health Promotion Module of a BSc Honours Degree Programme in Ireland
Presented by: Kathryn Young, MA, MSc, Lecturer in Environmental Health, Dublin Institute of Technology, Dublin, Ireland
E-mail: kathy.young@dit.ie

2014-09: Environmental Health Internships at West Chester University: 30+ Years of Success Stories
Presented by: Charles V. Shorten, Ph.D., P.E. Professor, West Chester University, West Chester, Pennsylvania, USA
E-mail: cshorten@wcupa.edu

Wrap-up and Adjourn
The meeting concluded with the selection of the IEHFF Chair. Charles D. (Chuck) Treser was asked to continue as Chair of the Faculty Forum for the next two years. He agreed but requested
the concurrence of the group for him to seek out an appropriate individual from Malawi to help him with organising the logistics for the next meeting.

Respectfully submitted,

IEHFF 2012-2014 Co-chair
Charles D. (Chuck) Treser, MPH, DAAS
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University of Washington
Seattle, Washington, USA
E-mail: ctreser@uw.edu

Attachments:
2014 IEHFF Attendance Roster
2014 Agenda and Programme