

Class of 2004
IHS Injury Prevention Specialist
Epidemiology Fellowship Program

Acceptance Packet



February 18, 2004

2004 Epidemiology Fellowship Acceptance Packet

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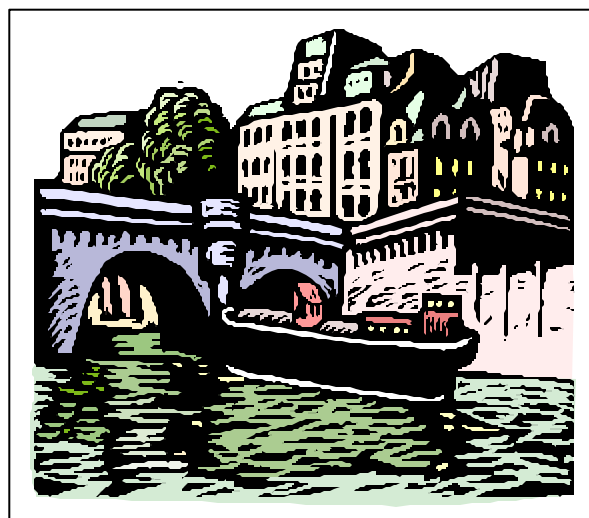
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Figure 1: Class of 2004 Fellowship Timeline: 19



What you need to know right now!

1. **Finances:** As you may know already, the IHS and other federal agencies are facing travel restrictions. **As soon as possible, please contact your IHS Area Injury Prevention Specialist to discuss travel orders and payment of your fellowship expenses.** Travel orders and purchase orders often need to be arranged months in advance.

2. Course titles, dates and locations:

Injury prevention project design: 4 days (8 am Tuesday through 5 pm Friday).
Seattle, May 18-21, 2004.

Epidemiology Summer Courses: 3 weeks (Sunday orientation through 5 PM Friday).
University of Michigan, Ann Arbor, July 11-30, 2004.

Field Course: 4.5 days (8 am Monday through 12 noon Friday).
Site to be determined. September 20-24, 2004.

Presentation skills: 3.5 days (8 am Tuesday through 12 noon Friday).
Albuquerque, February 1-4, 2005.

Symposium: 2-3 days. May or June 2005, likely in Washington, DC, or Seattle.

3. Paperwork: Please e-mail (bergerlaw@msn.com) or fax (505-275-3153) to Dr. Berger:

By April 15: Form 1 (Fellow Information)
Form 2 (Learning Objectives)
Form 3 (Fellow's Contract)
By July 1: Form 4 (Project Proposal Outline).

4. Questions?

The IHS Injury Prevention web site is www.dehs.ihs.gov/noinjuries.

The Fellowship web site is www.injuryfellowship.org.

Please contact **Bobby Villines** for questions about logistics (hotels, expense reimbursements, course dates) and **Larry Berger** for questions about anything else (mentors, course content, projects, etc.).

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A. Introduction:

Welcome to the IHS Injury Prevention Fellowship Class of 2004! Please refer to **Figure 1** for a timeline of the fellowship program.

The time commitment for the Fellowship is appreciable: attendance at 6 weeks of courses at 4 different sites (Seattle, Ann Arbor, Field course, and Albuquerque); your project presentation at the symposium in May or June of 2005; and 5 to 20 hours a week working on your special study project. Your commitment to undertake this rigorous year of professional work is matched by the faculty's commitment to make it the most worthwhile educational experience possible.

The web site for fellowship-related information: <http://www.injuryfellowship.org>. It contains a lot of useful information, such as summaries of many previous Fellowship projects. Please look these over to get ideas and stimulate questions for your own project. We will send you details on logistics (hotel arrangements, etc.) for the different courses at least 2-3 months prior to your attendance. Please let Dr. Berger know if your **contact information** is correct in **Table 1**.

B. Financial Support and Reimbursements:

1. As you may know already, the IHS and other federal agencies are facing travel restrictions. *As soon as possible, please contact your IHS Area Injury Prevention Specialist to discuss payment of your fellowship expenses.*

Travel orders and purchase orders often need to be arranged months in advance.

2. Here's the official IHS position on reimbursement for fellowship expenses:

The IHS Headquarters Office of Public Health provides financial support through the Area offices for Fellowship participants' travel, per diem, and tuition for required course work and for out-of-Area fieldwork, with the exception of participants from self-governance compact tribes where the tribes have taken their Headquarters shares. These tribes are responsible for paying all travel, per diem, and tuition expenses for their Fellowship participants. IHS administrative costs to support logistical arrangements for participants from Self-Governance tribes (including all courses, telephone and written communications, symposium preparations, and graduation certificates) will be incurred by IHS without encumbrance to these tribes. IHS Area Offices can issue travel orders or reimburse tribal programs for fellowship expenses.

C. Course titles, dates, locations, and objectives:

1. Injury prevention project design: 4 days (8 am Tuesday through 5 pm Friday).

Seattle, May 18-21, 2004.

1. Select and gain approval for a suitable project topic
2. Frame research questions/hypotheses, outline methods
3. Determine what approvals are needed
4. Choose a project mentor
5. Prepare a project timeline (tasks, helpers, due dates).
6. Conduct a preliminary literature review.

2. Epidemiology Summer Courses: 3 weeks (Sunday orientation through 5 PM Friday).

University of Michigan, Ann Arbor, July 11-30, 2004.

1. Increase your knowledge regarding injury epidemiology, public health practice, and evaluation of injury prevention programs.
2. Review your study project with one or more faculty members.
3. Conduct a computerized literature review for your project and discuss relevant articles with faculty.

3. Field Course: 4.5 days (8 am Monday through 12 noon Friday).

Site to be determined. September 20-24, 2004.

1. Fellows will participate in teams to address topics identified by Tribes;
2. Fellows will provide a progress report on their study project.
3. Fellows will receive individualized feedback on completing your research projects;

4. Presentation skills: 3.5 days (8 am Tuesday through 12 noon Friday).

Albuquerque, February 1-4, 2005.

1. Provide individualized feedback on completing your projects;
2. Provide information and practice skills for presenting a scientific paper at the symposium;

3. Provide information and practice skills for writing a project abstract and manuscript;
4. Review preparation of a PowerPoint presentation.
5. Prepare an abstract of your project for submission to a professional conference, such as the IHS Research Conference, NEHA Annual Meeting, or Commissioned Officers Association (COA) Scientific Meeting.

5. Symposium: 2-3 days. May or June 2005, likely in Washington, DC, or Seattle.

1. Practice your 12-minute presentation on-site.
2. Present your project to an audience of IHS IP staff, agency representatives, and invited guests.

D. Paperwork already!

Because tax day should be an unforgettable date for deadlines, Forms 1, 2, and 3 should be e-mailed (best) or faxed to Dr. Berger (bergerlaw@msn.com; phone/fax: 505-275-3153) by **April 15, 2004**:

- One way to get to know you better and tailor aspects of the Fellowship to your individual needs is for you to complete the **Fellow Information Form (Form 1)**.
- Between now and the May course in Seattle, your main job is to explore options for your project. You should be meeting at least monthly with your mentor and/or Area Specialist to discuss possible project ideas. For each of the project ideas you want to discuss with Dr. Grossman in May, complete a **Project outline (Form 2)**.
- A **Fellowship contract** appears as **Form 3**. It is to be signed by you, your supervisor, the IHS Area Injury Specialist, and your local project mentor. One purpose of the contract is to ensure that you have approvals in writing to attend all Fellowship activities. Another purpose is to increase input from Tribes. If you are conducting a project at a tribe in which you are not an enrolled member, please obtain the signature of a tribal representative. The Tribal representative might be a Tribal Health Director, police or fire chief, EMS Director, Tribal IP coordinator, or some other person from the Tribe with a direct interest in your project.

Form 4 is timeline/progress report for your project. You should complete it with the help of your mentor (and e-mail a copy to Larry Berger) by **July 1, 2004**.

Please let me (Larry Berger) know if you have comments or suggestions on the content or process of the Fellowship, including this orientation packet, the courses, advising, etc. Feedback from Fellows has led to major revisions in the past, and we will continue to improve the experience every year based on your comments.

E. Optional Home Study: Basic epidemiology and injury control:

Some of you may wish to refresh your knowledge of basic epidemiology or injury control prior to Dr. Grossman's class in May or prior to the University of Michigan courses. If so, here are some options:

1. Injury control topics: Vincentweb: www.ibiblio.org/vincentweb/toc.html
2. Introduction to epidemiology: www.cdc.gov/excite/primer.htm
3. Ten basic principles of injury epidemiology: www.pitt.edu/~epi2670/tenet.
4. CDC offers a home-study course, "Principles of Epidemiology" (SS3030). CDC gives you up to 6 months to review the course, then you take an open book test for 4.2 CEUs. You can examine the course at www.phppo.cdc.gov/PHTN/catalogo/3030g.asp. Click on version 2 (the series of smaller files) to get a sense of what it offers. Taking the course for credit costs \$47.
5. You may want to review your notebooks from the IHS core courses (Levels I-III) or look at one or more books on injury prevention, such as:
 - Rivara FP, Cummings P, Koepsell TD, Grossman DC, Maier RV: Injury Control: A Guide to Research and Program Evaluation. Cambridge University Press, Cambridge, UK, 2001.
 - Christoffel T, Gallagher S: Injury Prevention and Public Health. Aspen Publishers, Gaithersburg, MD, 1999.
 - Rosenberg ML, Fenley MA: Violence in America: A Public Health Approach. Oxford University Press, New York, 1991.
 - Robertson LS: Injury Epidemiology: Research and Control Strategies, 2nd Edition. Oxford University Press, New York, 1998.

F. Summer Session in Epidemiology at the University of Michigan:

The home page for summer session information is www.sph.umich.edu/epid/GSS/index.html.

You will need to sign up for these courses:

- #729: Epidemiology in public health practice (3 weeks, PM)
- #711: Injury epidemiology (week #1, AM)
- #754: Strategic program planning for injury prevention (week #2, AM)

If you have taken a graduate-level INJURY epidemiology course in the past, you may choose to take one of these courses instead of #711: #702: Principles and application of Epi Info, (week #1, AM)
#753: GIS for epidemiology, (week #1, AM)

During the mornings of Week 3, you will have time to work on your projects: perform a literature review at the public health or transportation research library and meet with Michigan faculty. If you wish, you can also take another class, such as #752: Epidemiology and prevention of violence.

We strongly encourage you to take the courses for credit. This will give you access to the university's computer, recreational, and student health facilities; and results in graduate credits toward a future graduate degree.

For Fellows employed by IHS and non-compact Tribes, the IHS Area offices cover travel expenses, books, lodging, etc., and receive a set amount per Fellow as reimbursement from IHS headquarters. Tuition is arranged through Bobby and Vicki Troncosa in the Environmental Health Support Branch in Albuquerque.

Copies of the Summer Session course catalog will be mailed to fellows by Bobby Villines when they are received from the University of Michigan (UM). Bobby will be sending you more information about logistics for Michigan at that time. ***Please submit your applications for the Summer Session before the June 1 deadline.***

Bobby suggests NOT obtaining a rental car for the summer session. Parking on campus is "a nightmare" and it is a fairly short walk to downtown for browsing or shopping (dorm rooms have small fridges).

G. Your year-long project:

Throughout the year, Fellows will work on an injury prevention project of their own choosing. The projects will be designed to have a specific impact on injuries in your community. Dr. Grossman notes: "It is critical that you and your Area IP specialist have some conversations about areas of interest that you want to tackle. You should also touch base with your tribal health board and other local leaders, and other injury practitioners in the area, about areas of potential importance. If someone else's idea sounds like drudgery to you, it will be. So use your imagination as well. The best projects are those which are locally, important, and which have captured your personal interest or passion."

You may decide to do a different project than the one you proposed in your application. Topics can be intentional or non-intentional injuries. Projects can focus on cultural issues, effective strategies, program management, evaluation, or costs, for example.

1. Data collection: *Please do not begin collecting data for your project before completing Dr. Grossman's class in May.* Use the time before the Seattle class to explore topic options, read relevant articles, interview key people, and prepare a draft of proposed methods. Please contact Dr. Berger or Dr. Grossman if, for some reason, you urgently want to begin your data collection before the May class.

2. Project selection:

A worthwhile study project will have most, if not all, of the following characteristics:

1. Important to the local community: data-driven, suggested by the community, potential for making a positive difference/having an impact
2. Of interest to the fellow: personal experience, interests, strengths
3. Uniqueness: review projects done in the past
4. Feasible: time to complete, approvals likely (IRB, Tribe), cost, availability of and access to data
5. Good learning experience: new skills or challenges for the Fellow
6. Methodologically sound

What has been done in the past?

The two tables below summarize the types of studies and types of injuries examined in previous Fellowship projects. The data are from Bobby Villines, who did a review of Fellowship projects for his Fellowship project completed in May 2001. (In the first table, several of the 178 studies fell into more than one study type.)

Type of Study	Total number	% of 178 studies
Descriptive epidemiology	135	76%
Intervention project	44	25%
Policy/program evaluation	19	11%
Economic study	3	2%
Surveillance program	4	2%
Other type of study	8	4%
Total	213	

Type of Injury	Total number	Percent
Motor vehicle-related	67	38%
All types of injuries	40	22%
Fires/burns	11	6%
Falls	10	6%
Assaults	9	5%
Suicide	7	4%
Drowning	4	2%
Other types of injury	15	8%
Unknown/not applicable	19	11%
Total	178	100%

Table 4 is a list of publications by Fellows of their projects. Your Area IP specialist can help you obtain copies of articles relevant to your project. Summaries of 50 previous fellowship studies have been assembled in a compendium (copies are available from the Area IP specialists). Also, thanks to Bobby Villines, the compendium is available on-line at <http://www.injuryfellowship.org>.

3. Primary Project Mentor:

- a. Each Fellow must identify one individual who will serve as the “primary project mentor.” The **role of the mentor** is summarized in **Table 2**. Briefly, the mentor is the person who will provide you with consistent, on-going support and advice regarding your year-long project. Your mentor will provide assistance in designing, conducting, analyzing, and presenting your study, including referring you to faculty and other resource persons when appropriate. In most instances, the Area Injury Specialist will serve as the mentor. However, some other person may be more appropriate because of particular experience or expertise, time availability, or some other reason. The mentor should be identified as early as possible, but certainly by the end for Dr. Grossman’s class in May, 2004.
- b. Each Fellow will also be assigned a “faculty mentor.” The faculty mentor will provide technical assistance for your project, ensure you are making good progress, and suggest helpful resources for your learning objectives.
- c. Please contact Dr. Berger if you have any questions about mentors (or any other issue regarding the Fellowship).

4. Approvals: To protect both individuals and communities, approvals for your project may have to be obtained from a number of sources. A tribe may have its own “Institutional Review Board (IRB)” or review may be necessary at the IHS Area or Headquarters level. Access to medical records may require HIPAA (Health Insurance Portability and Accountability Act) certification. Virtually all publications with IHS personnel as authors require IRB approval. Both Dr. Grossman and your Area Specialists will discuss the approval process with you.

5. Study Project Benchmarks:

- (1) February to May, 2004:
 - a. Identify 2-3 potential topics and explore potential barriers prior to Dr. Grossman’s class in Seattle (May 18-21, 2004).
 - b. Complete the project outline (form 2) for each potential topic and e-mail or fax to Drs. Berger and Grossman.
 - c. Conduct a preliminary literature review.

- (2) During Dr. Grossman's class in May:
 - a. Choose and refine your topic
 - b. Outline methods
 - c. Define next steps
 - d. Select mentor.
- (3) With the help of your mentors, complete and e-mail Form 4 (proposed project timeline) by July 1, 2004;
- (4) During Michigan courses:
 - a. Conduct an in-depth literature review of your topic
 - b. Refine methods
 - c. Have at least one individual meeting with a Michigan faculty member to discuss your project.
- (5) September Field course:
 - a. Present a progress report on your project.
 - b. Meet individually with facilitators to discuss your project.
- (6) By the Albuquerque workshop (February 1-4, 2005): Prepare first draft of paper with at least 3 sections: introduction, background, and methods.
- (7) During Albuquerque workshop:
 - a. Prepare an abstract of your paper
 - b. Meet with facilitator: present a progress report, receive detailed feedback on your draft paper and oral presentation.
- (8) February – May, 2005: Work with your mentor to prepare final paper and practice oral presentation.
- (9) Final paper due to Dr. Berger: April 1, 2005.
- (10) Presentation at Symposium: May or June, 2005 (12 minutes + 3 minutes of questions).

H. Fellowship Standards:

Nearly 100% of Fellowship participants who begin the program complete the Fellowship successfully! Everyone involved in the Fellowship wants you to succeed. Please let your mentor, Area specialist, and/or the Academic Director know if there are problems or barriers so we can help. We think the "standards" outlined below are reasonable and fair, and are provided mainly to reassure you that super-human performance is not expected of anyone!

1. General:

Continued funding/participation in the Fellowship is contingent on:

1. Attendance at all training events.
2. Successful completion of deliverables (project drafts and abstract, final presentation, etc.)
3. Consistently courteous and professional interactions with other fellows, Tribal members, agency personnel, and others.
4. Adherence to timelines.

If you cannot complete a course component for any reason, it will have to be completed sometime in the future in order to graduate from the Fellowship.

2. Specific courses:

Dr. Grossman's class:

At the completion of this class, the Fellow should be able to state:

1. How their project is unique and important to the local community
2. How their project is of interest to the fellow
3. What questions their project seeks to answer
4. How they will conduct their project (outline of methods)
5. Who their primary project mentor will be

University of Michigan courses:

1. Attend an orientation to the University library and computer search resources (e.g., Medline).
2. Conduct a detailed literature review for your project.
3. Review your study project and literature review with one or more faculty members.
4. Satisfactorily complete all courses:
 - a. Non-credit courses: attend all classes; actively participate in class; complete homework assignments, class exercises, required papers and/or exams
 - b. Credit courses: receive a "pass" if pass/fail or a grade of C- or higher.

September Field course:

1. Complete all team assignments.
2. Provide a project progress report.

Albuquerque course:

1. Complete a 250-word abstract of your project
2. Bring a draft of your project paper to the course, including introduction, background, methods, and preliminary results. Use the format of articles in the IHS Provider (see “standards” below).
3. Participate in all class activities and exercises.

3. Standards for project papers:

The final paper is the permanent records of the Fellow’s year-long project.

1. The format for project papers will be that of the IHS Provider “Information for authors.”
2. Relevant literature review with at least 6 articles.
3. The primary data to support the results section will be available for review.
4. All appropriate approvals to conduct the project will have been obtained and cited.

4. Standards for project presentations:

1. Presentations at the Fellowship symposium will be 12 minutes in length, with 3 minutes for questions.
2. Visuals will be easily readable.
3. Key project points will be addressed in each section: introduction, methods, results, conclusions.
3. Use PowerPoint software for the presentation.

I. Questions?

Please contact **Bobby Villines** for questions about logistics (hotels, course dates). For all other questions, please contact **Larry Berger**. Table 3 contains short biographies and contact information for the Fellowship faculty members.

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Table 1: Class of 2004 IHS Epidemiology Fellows

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Table 2: Fellowship Roles and Responsibilities

Individuals/Groups with Role in Fellowship	Roles and Responsibilities
Fellow	<ul style="list-style-type: none"> • Have fun and learn a lot of useful things. • Understand the expectations of participation in the Fellowship. • Meet the Fellowship timelines and deliverables. • Coordinate conference calls with mentors, IP specialists, Academic Director etc. • Attend all required courses and meetings. • Offer peer review, constructive criticism, and moral support to other Fellows. • Provide feedback regarding their fellowship experience. • Respond to e-mail communications in a timely fashion.
Academic Director	<ul style="list-style-type: none"> • Facilitate communication among all those involved in the Fellowship. • Specify details about deliverables/requirements for completion. • Prepare schedule. • Review logistics. • Monitor participant progress (including the involvement of the Area IP Specialist and mentor), and provide advice. • Develop standards for providing feedback to Fellows. • Participate in selection of Fellows. • Evaluate course components of the Fellowship program. • Follow up with Fellows after completing the Fellowship (e.g. encourage publication of results). • Give final approval for project topics, reports, presentations. • Identify supplemental outside facilitators. • Review course content. • Explore the possibility of online courses. • Prepare fellowship packet (describe overview, expectations, etc.). • Review continuing education needs (e.g., for colloquium, for credits). • Review manuscripts for fellow's projects. • Negotiate/facilitate the Michigan academic experience. • Assist Fellows and mentors in conducting, writing, and presenting projects. • Pursue relationships with new/additional Fellowship roles, such as Epi Centers. • Conduct the Fellowship Survey and make the results available to instructors at each phase of the Fellowship Program.
Area Injury Prevention Specialist	<ul style="list-style-type: none"> • Assist in exploring possible topics for projects. • Approve fellowship's project/outline. • By July 1, 2004 establish a timeline with target dates for completion. • Contact fellow by phone or in person at least monthly. • Advise on methods. • Suggest resources (computer, data analysis, etc.) • Refer fellow to faculty as needed. • Assist with paper and presentation materials. • Facilitate contact with IHS and Tribal personnel. • Facilitate contact with mentor/academic director. • Conduct practice presentation sessions with fellow. • Assist Fellow in time management for courses, project, and paper. • Provide necessary logistical support to Fellows: e.g., travel orders and procedures, expense reimbursement, scanning, photocopying, photography, obtaining specialized equipment. • Sign Fellowship contract.

Individuals/Groups with Role in Fellowship	Roles and Responsibilities
Primary Project Mentor (often the Area IP Specialist)	<ul style="list-style-type: none"> • Provide guidance in design, implementation and evaluation of research study. • Ensure study is scientifically sound (design works, data are valid, etc.). • Establish and monitor a project timeline (with target dates for completion), in consultation with the Area Specialist. See Form 4. • Recommend relevant articles, personal contacts, other resources. • Assist in preparing presentation and manuscripts. • Conduct practice presentation sessions with fellow. • Assist in preparing abstract and presentations to tribal and IHS staff. • Assist in obtaining necessary project approvals. • Monitor and evaluate the progress of the fellow. See Form 4. • Work with Fellow to prepare progress reports (fellow prepares report, mentor provides feedback). • Identify problems or potential problems and discuss with Fellow, Area specialist, and/or Academic Director.
EHSC Branch: Bobby Villines	<ul style="list-style-type: none"> • Provide application packets. • Maintain the fellowship web site. • Make course arrangements, including meeting rooms and hotels, and notify Fellows with sufficient time to make necessary travel arrangements. • Maintain a database about the Fellowship (participant addresses, demographics, Fellowship projects).
IHS Injury Program HQ: Nancy Bill	<ul style="list-style-type: none"> • Maintain the budget for the Fellowship program. • Make final decision about Fellow selection and continuation.
Tribal Representative	<ul style="list-style-type: none"> • Provide ideas for projects. • Help ensure that project results will be used to benefit the community. • Approve fellows' applications and provide letters of support. • Assist in obtaining necessary project approvals. • Participate in conference calls, if possible, to assess project progress. • Facilitate and provide feedback about project that directly involve the community. • Attend presentations by fellows and give feedback.
Fellow's Supervisor	<ul style="list-style-type: none"> • Write letter of support for application. Review project progress reports. • Approve time off for Fellowship activities, including the project. • Sign the Fellowship contract.
Environmental Health Officers (Area, District, Service Unit, Tribal)/Injury Prevention Specialists	<ul style="list-style-type: none"> • Provide assistance in fellowship recruitment. • Provide assistance in identifying and implementing fellowship project
Michigan Staff/Faculty (Phil Brachman, library staff, others)	<ul style="list-style-type: none"> • Conduct an orientation: library and computer resources, conducting literature reviews, etc. • Set up meeting with between fellows and individual instructors to discuss project. • Provide assistance with literature search and critiquing the literature. • Provide evaluations to the Academic Director about student achievement and participation.
Outside Facilitators	<ul style="list-style-type: none"> • Provide 'outside' technical review of projects (at the January and September courses). • Make suggestions regarding project design, publication, and presentation.

Table 3: Fellowship Faculty and Key Contacts**Lawrence R. Berger, MD, MPH: Academic Director:**

Dr. Berger is a pediatrician and community health specialist. He was formerly Associate Professor of Pediatrics at the University of New Mexico School of Medicine. Dr. Berger has published many articles in the fields of injury prevention, American Indian/Alaska Native health, and maternal/child health. His textbook on international aspects of injury prevention, Injury Control: A Global View, was published by Oxford University Press, India. He has been an adviser to the World Health Organization, Robert Wood Johnson Foundation, and UNICEF. A faculty member for the IHS Injury Prevention Fellowship Program since 1992, Dr. Berger was appointed the Fellowship's Academic Director in 2002.

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CDR Nancy M. Bill, MPH

Nancy Bill is the Injury Prevention Manager for the Indian Health Service. Ms. Bill is an enrolled member of the Navajo/Dine' Tribe from Coyote Canyon, New Mexico. She has a Bachelor of Science degree from the University of Utah and a Masters in Public Health from the University of Oklahoma. In collaboration with the Navajo Area IHS Injury Prevention Program and Navajo Nation, Ms. Bill had a lead role in reducing motor vehicle-related fatalities by increasing the use of occupant restraints. Her 1988 IHS Injury Prevention Fellowship study led to installation of street lighting at one of the nation's most notorious pedestrian fatality sites. Her previous work includes 15 years as the IHS Navajo Area Injury Prevention & Control Specialist; Coordinator for the Native American Adolescent Injury Prevention Program at Tohatchi High School; Community Health Educator, Yukon-Kuskokwim Health Corporation (Bethel, Alaska); and Public Health Educator, Gallup Indian Medical Center. Ms. Bill's participation in the International Safe Community Network has led to visits to Australia, Canada, Sweden, Norway, Holland, India, and China.

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Phillip Brachman, MD

Dr. Brachman is Professor of International Health at the Rollins School of Public Health, Emory University, Atlanta. He worked in epidemiology and directed the Field Epidemiology Training Program at the CDC from 1954 to 1986. Dr. Brachman's current research activities include public health surveillance and hospital-related infections. He teaches courses in epidemiology and biostatistics at Emory University, the University of Michigan, and overseas. He coordinates a fellowship program at Emory where fellows from developing countries participate in a year-long work-study program in public health.

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Carolyn Fowler, PhD, MPH

Dr. Fowler, a nurse epidemiologist, is Assistant Public Health Professor, Department of Health Policy and Management, at The Johns Hopkins Center for Injury Research and Policy. She also is Director of the Baltimore County Injury Prevention Program. Her research interested include recreational injury, pediatric head injury, penetrating eye injury, injury severity scoring, and outcomes from pediatric bicycling injury. Dr. Fowler is a member of Maryland's Child Death Review committee. In 1990, she

received South Africa's Road Traffic Safety Award for her work on child pedestrian injury and the development of community-based prevention projects throughout that country.

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David Grossman, MD, MPH

David Grossman is Director of the Harborview Injury Prevention and Research Center and Professor of Pediatrics at the University of Washington. From 1985 to 1988, Dr. Grossman served as Chief of Pediatrics and later as Clinical Director at the PHS Indian Hospital in Fort Defiance, Arizona. His research interest included motor vehicle injuries, intentional injury prevention, Native American health, and rural injury control.

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L.J. David Wallace, MSEH

David Wallace, Injury Prevention Specialist/Epidemiologist, is a graduate of the IHS Injury Prevention Fellowship (Class of 1989). He is assigned from the IHS to the National Center for Injury Prevention and Control (NCIPC) at the CDC in Atlanta, to work on reducing injuries among American Indians and Alaska Natives. Mr. Wallace has worked for the IHS since 1979, including assignments in California, Nevada and Atlanta, and was Acting IHS Headquarters Injury Prevention Program Manager from 1998-2000. His expertise includes childhood injury, motor vehicle-related injury, developing three major data publications concerning Native American injuries (overall injury mortality, Atlas for American Indians and Alaska Natives and "Homicide and Suicide among Native Americans", and "Child mortality among American Indians and Alaska Natives and helping to start the IHS Tribal Injury Prevention Program. The latter currently funds 25 tribes to establish core injury prevention programs at the tribal level. He has taught in the IHS Injury Prevention Fellowship Program since 1994.

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Bobby Villines, REHS:

Bobby Villines has been the Environmental Health Consultant at the Environmental Health Support Center in Albuquerque since March 2000. He graduated with a Bachelor's Degree in Environmental Health Science from East Central University (Oklahoma) in December 1994. He worked at the Many Farms Field Office in the Navajo Area from April 1995 until March 1997 and as an Environmental Health Specialist in the Shiprock District Office from March 1997 to March 2000. Mr. Villines is a graduate of the Fellowship Class of 2000 and is currently working on a graduate degree from Tulane University. He developed and maintains the web sites for both the IHS Injury Program and the Fellowship.

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Table 4
Publications based on IHS Injury Fellows' research projects

(Revised January, 2004)

- Andon, Helen:** Patterns of injury mortality among Athabascan Indians in interior Alaska, 1977-1987. Am Indian Alaska Native Mental Health Research 1997;7(3):11-33.
- Kuklinski D, Buchanan, Chris:** Assault injuries on the Haulapai Indian Reservation: A descriptive study. IHS Primary Care Provider 1997; 22(4):60-64.
- Chandler, Bruce** and Berger LR: The financial burden of injury-related hospitalizations to an Alaska Native health system. Alaska Medicine 2002;44(2):30-34.
- Fazzini, Thomas,** Perkins R, Grossman D: Ionization and photoelectric smoke alarms in rural Alaskan homes. West J Med 2000;173:89-92.
- Horn, Andrea,** Grossman DC, Jones W, Berger LR: A community-based program to improve firearm storage practices in rural Alaska. Injury Prevention 2003;9:231-234.
- Howell, James,** Keiffer M, Berger LR: Carbon monoxide hazards in rural Alaskan homes. Alaska Medicine 1997;39:8-11.
- John, Sharon,** Berger LR: Yakama Nation initiatives to promote seat belt use. IHS Primary Care Provider 2001;26:168-69.
- Kuklinski, Diana,** Berger LR, Weaver, J: Smoke detector nuisance alarms: A field study in a Native American community. National Fire Protection Association Journal 1996; 90(5):65-72. IHS Primary Care Provider 1996;21:148-153.
- Ludington, James:** Home safety assessment/interventions in American Indian homes: A role for IHS engineering staff. Journal of Environmental Health 2000;62(9):13-18.
- Robertson LS, Maloney, Angela:** Motor vehicle rollover and static stability: an exposure study. American Journal of Public Health 1997; 87(5):839-41.
- Meeks, Kevin,** Robertson LS: Study of road-rail crashes in Claremore, OK and allocation of resources for preventive measures. Public Health Reports 1993;108:248-251.
- Phipps, Lovetta,** Berger LR, Piland N: Medical costs of restrained and unrestrained motor vehicle crash victims: implications for Tribal health. IHS Primary Care Provider 1997;22:33-36.
- Powers, Matthew.** Trauma victims and blood alcohol testing: Attitudes and practices of IHS physicians. IHS Primary Care Provider 1994;19(12):189-192.
- Russell, Tina,** Grossman D, Wallace LJD, Berger L: Man's best friend: dog bite related injuries on the Rosebud Reservation 1991-1998. IHS Primary Care Provider 2001;26(3):33-37.
- Smith, Martin,** Berger LR: Assessing community child passenger safety efforts in three Northwest Tribes. Injury Prevention 2002; 8:289-292.
- Spriggs, Barbara,** Berger LR: Violence to health care workers in rural Alaska hospitals. Journal of Healthcare Protection Management Winter 1996/1977;13:117-124.
- Williams, Don:** Buckle Up for Life: An incentive program. IHS Primary Care Provider 1998; 23(6):75-79.

Form 1: IHS Injury Fellow Information Form
Please submit (e-mail preferred) to Dr. Berger by April 15, 2004.

Your name:

1. If you work for a tribe, is your tribe a compacted or 638 organization?

Yes___ No___ I don't directly work for a Tribe: _____

2. How comfortable are you using computers for:

	<u>Not at all</u>	<u>Some experience</u>	<u>Comfortable</u>
- e-mail	---	---	---
- word processing	---	---	---
- searching the Internet	---	---	---
- conducting a literature review	---	---	---
- creating tables and graphs	---	---	---
- PowerPoint presentations	---	---	---
- Epi Info or Access (circle which)	---	---	---

3. By the end of this fellowship year, name 3 skills you would like to have learned or practiced:

4. By the end of this fellowship year, name 3 topics you would like to have learned more about:

5. Do you have any questions or comments about the Fellowship?

Form 2: Project Outline

Please submit this form **to Berger by April 15, 2004**. Prepare a separate form for each topic you are considering for your project. Use additional pages as needed. If possible, enter this into your word processor (Word for Windows) so it can be e-mailed.

Name of Fellow: _____ IHS Area: _____

Phone:

Fax:

e-mail:

1. Project title:

2. Primary research question or hypothesis:

3. Introduction: why the topic is important, why you chose the topic

4. Background: briefly describe the target population, target community

5. Methods: type of study, how you will collect data:

6. Citations for at least 2 relevant, published articles:

(1)

(2)

7. With whom has this project been discussed?

- a. Area IP specialist
- b. Tribal person(s): state names and titles:
- c. Other key informants: state titles:
- d. No one yet

8. Tribal approval necessary? Not sure _____ Yes _____ No, not needed (explain):

9. Who might serve as the project mentor? _____

10. Signature of Fellow: _____ Date _____

11. Signature of IP Specialist: _____ Date _____

Form 3: Fellowship Contract
(Please submit to Dr. Berger by April 15, 2004)

1. Fellow: I have read the time commitments and performance requirements of the Fellowship. Except in cases of emergency, I will fully participate in all Fellowship activities. I understand that all Fellowship courses and components must be completed in order to graduate.

Fellow's name: _____

Signature: _____

Date: _____

2. Supervisor: I have read the time commitments and performance requirements of the Fellowship. Except in cases of emergency, I will support the full participation of the above-named Fellow in all Fellowship activities.

Supervisor's name: _____

Signature: _____

Date: _____

3. Local Mentor: I have read and accept the roles and responsibilities of the local project mentor.

Mentor's name: _____

Signature: _____

Date: _____

4. Tribal representative: (For projects conducted at a tribe in which you are not an enrolled tribal member): I have read and accept the roles and responsibilities of Tribal representative for the above-named Fellow.

Tribal representative's name: _____

Signature: _____

Date: _____

5. Area Injury Prevention Specialist: I have read and accept the roles and responsibilities for Area IP Specialist for the above-named Fellow.

Area Specialist's name: _____

Signature: _____

Date: _____

Form 4: Progress Report Form

Please save this page on your word processor, so you don't have to re-enter information!

1. Name of Fellow: _____ 2. Date: _____

3. Name of your primary project mentor: _____

Phone: _____ Fax: _____ e-mail: _____

4. Tribal approval obtained? Yes ___ Pending ___ No, not needed (explain):

5. Where are you today in your project?	<u>Date expected for completion</u>	<u>Date completed</u>
1) Finalized topic.....	_____	_____
2) Submitted project proposal for local approvals.....	_____	_____
3) Received local approvals for project.....	_____	_____
4) Began designing methods.....	_____	_____
5) Finalized methods.....	_____	_____
6) Performed literature review.....	_____	_____
7) Began data collection.....	_____	_____
8) Began analyzing data.....	_____	_____
9) Finished analyzing data.....	_____	_____
10) Prepared some tables and figures.....	_____	_____
11) Formulated some conclusions and recommendations.....	_____	_____
12) Began writing first draft of research paper.....	_____	_____
13) Finished first draft of paper.....	_____	_____
14) Prepared outline of presentation.....	_____	_____
15) Prepared first draft of PowerPoint presentation.....	_____	_____
16) Practiced presentation to a group.....	_____	_____
17) Finished PowerPoint presentation.....	_____	_____

6. What problems, if any, are you facing (or do you anticipate) in conducting your project?

7. At this point in time, what additional assistance, if any, would you like in conducting your project?

8. Have you discussed your project with your mentor in the past month? Yes ___ No ___

9. What questions do you have about the fellowship?

10. Other comments or suggestions to improve the fellowship program?

Figure 1: Class of 2004 IHS Injury Prevention Fellowship Timeline

Activities	2004												2005					
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Explore options for your year-long project																		
Form 1,2,3 to Dr. Berger: April 15				4/15														
Dr. Grossman's class: Seattle: May 18-21					5/18-21													
U. Michigan application deadline: June 1						6/1												
Form 4 to Dr. Berger: July 1							7/1											
Conduct, analyze, and write up project																		
Univ. Michigan courses: Ann Arbor: July 11-30							7/11-30											
Field course: September 20-24									9/20-24									
Presentations course: Albuquerque: February 1-4, 2005														2/1-4				
Final paper to Dr. Berger: April 1, 2005															4/1			
Symposium: May or June, 2005																		