



Northern Illinois University

Study Abroad Office

## Global Health and Environments A Three-Week Study Abroad Program in Indonesia June 1 - 21, 2014

This study abroad program is coordinated by the Study Abroad Office (SAO) at Northern Illinois University (NIU), in cooperation with the School of Nursing & Health Studies (NUHS), Institute for the Study of the Environment, Sustainability, and Energy, and the School of Public Health (FKM) at Universitas Hasanuddin (UNHAS) in Makassar, Indonesia. A study abroad pilot program in 2012 was funded by the Department of State through the Institute of International Education. This program was originally developed by Dr. Shibata and Lindsey Watson, MPH who conducted her master's project in Indonesia in 2011.

### If you want to:

- make a difference
- travel far away from the U.S. and experience other cultures
- get interdisciplinary research experience
- conduct your own research for a thesis or capstone project
- work locally or even globally



**This study abroad program will be a perfect opportunity for you!**

**PROGRAM AUDIENCE:** All students are welcome! This includes students in all majors and colleges, as well as non-traditional students. Non-NIU students are also welcome to participate in this program.

### If your major is:

- Public Health, Pre-Med, Nursing, Nutrition
  - **You will** learn global health and healthcare system, and how they differ in a Southeast Asian country.
- Environmental Studies and Environmental Engineering
  - **You will** learn different environments (e.g. living, working, and natural), and how your interest can make a difference.
- Anthropology, Sociology, Southeast Asia
  - **You will** learn unique cultures, as Indonesian is home to a variety of subcultures.
- Education, English, or any subjects at NIU or other universities/colleges
  - **You will** learn about the Indonesian education system and have an opportunity to teach.

**PROGRAM DIRECTOR:** Dr. Tomoyuki Shibata, who is an Assistant Professor of Public Health in the NIU College of Health and Human Sciences, and a Faculty Associate of Institute for the Study of the Environment, Sustainability and Energy (ESE Institute), will serve as the director of the program. He has been providing students engaging learning and research opportunities through his Global Environmental Health (GEH) Lab at NIU and NIU-UNHAS Educational and Research Consortium, Makassar, Indonesia since 2010. His homepage: <http://www.niu.edu/~tshibata/index.shtml>



**OBJECTIVES & OUTCOMES:** The primary purpose of this program is to provide participants of the program with a unique opportunity to explore a variety of experiences Indonesia has to offer. The participants need to have their own goal that they would like to accomplish. Ideas and interests can be discussed with the director. Specific goals will need to be approved by the director of the program prior to the overseas component of this program. Expected outcomes include that the participants will:

- Obtain knowledge of different types of Indonesian environments (e.g. natural, living, and working) that could affect human health by conducting (or participating in) research and talking with professionals (e.g. medical doctors, nurses, and local government officers).
- Gain various practical skills (e.g. field, lab, and data analysis) and understand Indonesian cultures through working with students of Universitas Hasanuddin (UNHAS).

## **RECOGNITION OF FORMER PROGRAM PARTICIPANTS**

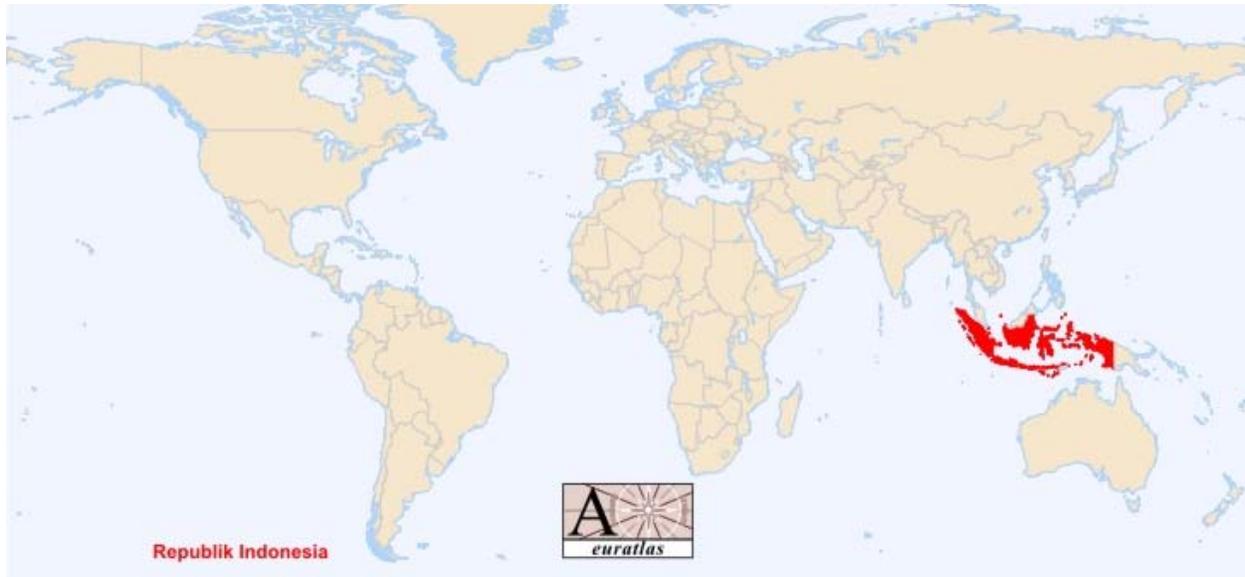
### **Presentations at the Global Health & Innovation Conference, Yale University**

- Disa Brummet. "Risk of Commuter and Traveler Exposures to Particulate Matter in Indonesia", 2014
- Alyse LeDuc. "Social and Environmental Factors that Affect Childhood Pneumonia in Makassar, Indonesia", 2013
- Lindsey Watson. "Domestic Hygiene Behavior and Childhood Diarrhea in Makassar, Indonesia", 2012. She was chosen as one of the student leaders in Global Health.

### **Grants & Scholarships**

- Disa Brummet. NIU Foundation: Global Environmental Health Research, 2013
- Disa Brummet. Provost's Travel Grant for Study Abroad, 2013
- Alyse LeDuc. Clarence and June Pearson Worldview Internship Award, 2012
- Lindsey Watson. Graduate School Travel Grant, 2012

**PROGRAM SITE:** The program will take place in South Sulawesi, Indonesia. Neighboring countries of Indonesia include Papua New Guinea, Australia, Philippines, Singapore, Malaysia, and Thailand. The majority of the time will be spent in Makassar, the capital of Sulawesi, and the largest city in East Indonesia. Most locals have limited English conversation skills, however, most locals are able to communicate using written English. This program will work in collaboration with School of Public Health at UNHAS.



**PROGRAM SCHEDULE:** The program will tentatively begin with introductory class sessions at Northern Illinois University in the spring semester, 2014. The sessions will prepare the participants for travel to Indonesia and familiarize them with the format of the program. If a participant is interested in conducting an independent project, he or she needs to communicate with Dr. Shibata as soon as possible. The program opening session will be held in the morning of on June 2 (Monday) at FKM-UNHAS in Makassar, Indonesia. The program participants will be responsible for making their own travel arrangements in order to arrive in Makassar, Indonesia by June 1 (Sunday). Travel arrangements can be made together when participants are committed. The previous participants and director traveled together. The overseas component of the program will end the night of June 20 (Friday). The group will check out of the accommodations the next morning. After June 22 the students may fly back to the U.S. directly, or travel to another part of Indonesia (e.g. Bali). There will be a post-program session in the fall semester, 2014

**Tentative Activities (based on the program in 2013)**

May 30 (Fri)	Depart for Indonesia as a team
May 31 (Sat)	En route to Indonesia
June 1 (Sun)	Check-in at UNHAS guest house
<b>Week 1</b>	
June 2 (Mon)	<p>Opening session</p> <ul style="list-style-type: none"> <li>• Lecture on global health</li> <li>• Lecture on national health</li> <li>• Progress from previous study <ul style="list-style-type: none"> <li>○ Indoor air quality and pneumonia</li> <li>○ Landfill and health outcomes</li> <li>○ Mother's hygiene behavior and diarrhea</li> <li>○ Drinking water and fomite contamination</li> <li>○ Health center and <i>Staphylococcus aureus</i> and particulate matter</li> </ul> </li> <li>• Environmental Epidemiological Project <ul style="list-style-type: none"> <li>○ Mask intervention experiment</li> <li>○ Ambient air</li> <li>○ Health Centers for <i>S. aureus</i> and MRSA</li> <li>○ Indoor air quality with smoker and biomass during cooking <ul style="list-style-type: none"> <li>▪ PM2.5, PM10, and CO</li> </ul> </li> </ul> </li> </ul>
June 3 (Tue)	<ul style="list-style-type: none"> <li>• Students go in morning to Puskesmas</li> <li>• Discuss survey and feedback from students</li> <li>• Workshop <ul style="list-style-type: none"> <li>○ Environmental sampling</li> <li>○ Data analysis</li> <li>○ "How-to" for developing surveys</li> </ul> </li> </ul>
June 4 (Wed)	<ul style="list-style-type: none"> <li>• Report from students field work as Puskesmas</li> <li>• Workshop <ul style="list-style-type: none"> <li>○ Environmental sampling</li> <li>○ Data analysis</li> </ul> </li> </ul>
June 5 (Thu)	<ul style="list-style-type: none"> <li>• Conducted mask experiment</li> </ul>
June 6 (Fri)	<ul style="list-style-type: none"> <li>• Field work preparation</li> <li>• Guest speaker</li> <li>• Discussion of speakers</li> </ul>
June 7 (Sat) - June 8 (Sun)	<p>Trip to Bira Beach</p> <ul style="list-style-type: none"> <li>• Snorkel</li> <li>• Shop</li> <li>• Eat ☺</li> </ul>

<b>Week 2</b>	
June 9 (Mon)	<ul style="list-style-type: none"> <li>• Lectures/discussion on childhood diarrhea and respiratory illness</li> <li>• Preparations               <ul style="list-style-type: none"> <li>○ Sampling sites for PM (catchment areas of Puskesmas)</li> </ul> </li> </ul>
June 10 (Tue)	<ul style="list-style-type: none"> <li>• Preparations               <ul style="list-style-type: none"> <li>○ Prepare and coordinate groups for study samplings</li> <li>○ Sampling sites for PM (catchment areas of Puskesmas)</li> <li>○ Making agar plates for <i>S. aureus</i></li> </ul> </li> </ul>
June 11 (Wed)	<ul style="list-style-type: none"> <li>• Collecting <i>S. aureus</i> at Puskesmas at Tamalanrea</li> <li>• Monitoring ambient air (PM2.5 and 10) around Tamalanrea and Antara</li> </ul>
June 12 (Thu)	<ul style="list-style-type: none"> <li>• <i>E.coli</i> and <i>S. aureus</i> testing in lab</li> <li>• Inoculating <i>S. aureus</i> for MRSA testing at the lab</li> </ul>
June 13 (Fri) – June 15 (Sun)	Trip to Traja <ul style="list-style-type: none"> <li>• Relax in the mountains</li> <li>• Experience cultural funerals</li> </ul>
<b>Week 3</b>	
June 16 (Mon)	<ul style="list-style-type: none"> <li>• Work on health promotion projects               <ul style="list-style-type: none"> <li>○ No smoking in house</li> <li>○ Mother's behavior and child's diarrhea</li> </ul> </li> <li>• Data analysis via Microsoft Excel and SPSS</li> <li>• MRSA testing at the lab with microcentrifuge</li> </ul>
June 17 (Tue)	<ul style="list-style-type: none"> <li>• Visit the landfill, one of the study sites in Indonesia</li> </ul>
June 18 (Wed)	<ul style="list-style-type: none"> <li>• UNHAS students show NIU students around the city</li> </ul>
June 19 (Thu)	<ul style="list-style-type: none"> <li>• NIU-UNHAS Public Health Student Conference</li> <li>• UNHAS and NIU student presentations on health promotion programs</li> <li>• Initial findings presented</li> </ul>
June 20 (Fri)	<ul style="list-style-type: none"> <li>• Closing session celebration dinner</li> </ul>
June 21 (Sat)	<ul style="list-style-type: none"> <li>• Check-out of the guest house</li> <li>• Depart for the U.S. or an optional tour in Bali</li> </ul>

**Note: The 2014 program is your program. It will be total different from the program in 2013. Please feel free to contact the director if you have a specific request to achieve research and personal goals.**

**ACTION PHOTOS:**



*Discussing local and global health issues*



*Learning new tools*



*Obtaining practical skills*



*Project: Mother and childhood diarrhea*



*Project: Water, sanitation, and childhood diarrhea*



*Project: Waste pickers & children in a landfill*



*Project: Healthcare associate infections*



*Project: Indoor air quality and childhood pneumonia*



*Project: Traffic-related air pollution exposures*



*Cheap, healthy, and yummy lunch on UNHAS campus*



*This could be so expensive in the US, but not here ☺*



*Exploring beautiful nature*



**Visit the Indonesia Program Facebook Page for Pictures and Information:**

<http://www.facebook.com/pages/NIU-Study-Abroad-in-Indonesia/152539188148284>

**INSTRUCTION METHOD:** Professor Tomoyuki Shibata will serve as the instructor for the course. The course will include four pre-departure meetings, 3 weeks in Indonesia and one post-meeting for presentations in the fall semester. Pre and post travel classes will be held in the Wirtz building and will last one to two hours each. During the first meeting, information dealing with travel logistics will be discussed and the director will discuss the format of the program. During the second, third and fourth pre-travel meetings the students will discuss their area of focus and intended study/research plan.

While in Indonesia, instruction will be provided by Professor Shibata and by faculty from Hasanuddin University. There will be daily meetings to provide students with time for questions/answers and discussion. Upon returning, students will complete a written assignment and a formal presentation of their project and experiences.

**PROGRAM ACADEMIC CREDIT:** For satisfactory participation in the program, participants will receive 3 semester hours of undergraduate or graduate credit in one of the following NIU courses.

<b>UNDERGRADUATE CREDITS</b>	
<b>PHHE 473 Topics in Public Health and Health Education</b>	<b>3 semester hours</b>
<b>Description:</b> Examination of contemporary issues and problems in public health and health education.	
<b>OR</b>	
<b>ENVS 450 Issues in Environmental Studies</b>	<b>3 semester hours</b>
<b>Description:</b> Interdisciplinary approaches and perspectives on selected issues in environmental studies. Independent study and seminars. <b>Prerequisites:</b> Completion of 15 semester hours comprising the ENVS core (ENVS 301, ENVS 302, ENVS 303, ENVS 304, and ENVS 305).	

<b>GRADUATE CREDITS</b>	
<b>PHHE 673 Workshop in Health Services Delivery</b>	<b>3 semester hours</b>
<b>Description:</b> Advanced workshop designed for students, community professionals, and health-related board members to study a selected contemporary issue or problem in the field of health services delivery. Content varies to provide the opportunity to study current problems. <b>Prerequisite:</b> Consent of school.	

<b>CREDITS FOR NON-PUBLIC HEALTH AND NON-NIU STUDENTS</b>	
<b>INTL 301 or IDSP 501 Study Abroad Program</b>	<b>3 semester hours</b>
<b>Description:</b> Course work undertaken as part of an approved university study abroad program.	

**HONORS CREDIT:** Qualified students may also elect to receive Honors credit for any study abroad course(s) with the approval of the NIU faculty or instructor responsible for the course. For more information please contact the University Honors Office.

**STUDY ABROAD APPLICATION AND ADMISSION PROCEDURES:** The program is open to all NIU students, students at large who meet the NIU general admission requirements, and students of other universities or colleges. Currently enrolled students must meet College of Health and Human Sciences course GPA requirements. Graduate level students must also meet NIU Graduate School admission, course and GPA requirements.

Students must be in good academic and disciplinary standing at the time of application. Students who are on academic or disciplinary probation are not eligible to participate in study abroad programs. **Applicants must participate in the *entire* program and satisfy NIU undergraduate or graduate admission and course requirements.**

Students cannot have any encumbrances against their NIU records. Any encumbrances placed on a student's records by NIU (i.e., the Graduate School, Undergraduate Admissions, Bursar's Office, Accounts Receivable, Registration and Records, Health Services, Parking Services, etc.) must be cleared before a student is granted admission to a study abroad program.

For undergraduate students to be admitted to the program, an applicant's official transcript must be on file in the NIU Study Abroad Office. Students who are currently enrolled at NIU, or who have previously enrolled at NIU, do not need to request an official transcript; the Study Abroad Office will make this request on behalf of the applicant. Students who want to participate in the program and earn academic credit from NIU who have **not** previously enrolled at NIU, or who are not **currently** enrolled at NIU, should ask the Registrar at their institution to forward an official transcript as soon as possible to the Study Abroad Office. (Student-issued transcripts and photocopies are not acceptable.) Questions relating to the admission requirements or transcripts should be directed to the Study Abroad Office.

Students who desire to obtain graduate credit must either be admitted to a graduate program within the NIU Graduate School, or be admitted to the status of a "student-at-large" (SAL) within NIU's Graduate School. For students to be admitted to the program for graduate credit, the applicant's official transcript must be on file in the NIU SAO. Students who are currently enrolled at NIU, or who have previously enrolled at NIU, do not need to request an official transcript. However, students who will participate in the program in order to earn academic credit as an SAL (students who have not currently enrolled, nor are previously enrolled at NIU) must provide a transcript from the baccalaureate institution and from any institution at which graduate credit has been earned. This document must be provided to the SAO before a student can be admitted as an SAL to the program. (Student issued transcripts and photocopies are not acceptable.)

**APPLICATION:** [Global Health and Environments in Indonesia](https://niu.studioabroad.com) or visit the NIU Study Abroad Office website at <https://niu.studioabroad.com> (and search for "Indonesia" or the *Global Health and Environments in Indonesia program*) to begin the online application process for this program. The online process provides guidance on requesting information, advising, or applying for the program. Please note that at the time of application, applicants will be expected to submit a signature verification form and copy of their ID to the Study Abroad Office. More detailed instructions can be found on the <https://niu.studioabroad.com> website or by contacting the Study Abroad Office at (815) 753-0700 or [niuabroad@niu.edu](mailto:niuabroad@niu.edu).

**\$200 APPLICATION FEE/DEPOSIT:** A \$200 application fee/deposit is required of all applicants. The \$200 is broken down into \$100 for the non-refundable application fee and \$100 for a program deposit. Both the application fee and the deposit will be applied to the total balance of the program cost. The \$100 deposit is refundable only if the participant withdraws prior to the withdrawal deadline indicated on the program materials or for medical reasons verified by a physician if the withdrawal takes place after the withdrawal deadline.

The \$200 application fee/deposit will be charged to NIU students' NIU Bursar's account. (Checks and money orders cannot be accepted from NIU students.) Non-NIU students must submit a check or money order in the amount of \$200. More detailed instructions regarding the application fee/deposit can be found on the seminar application website.

**IMPORTANT** – All applications will be categorized as “Pending – No Deposit” until the \$200 application fee/deposit has been received (or, in the case of non-NIU students, once a check has been received). The Study Abroad Office will not consider or process applications without the \$200 application fee/deposit. In order to reserve your place in the program you must submit the \$200 deposit within 14 days of application. After 14 days applications without a deposit will be inactivated.

**APPLICATION DEADLINE: March 3, 2014.** Students should be advised that this program has limited enrollment. Early application is strongly encouraged. Late applications are not recommended, however, if space is available, late applications will be considered on a case-by-case basis.

**ACCOMMODATIONS AND MEALS:** Participants will reside in hotels and the guest house at Hasanuddin University. Accommodations are included in the program cost. Students will be responsible for their own meals.

**AIR TRANSPORTATION:** Individuals will be responsible for making their own air travel arrangements between the U.S. and Makassar, Indonesia and for purchasing their tickets from a travel agent or airline of their choice. (Travel insurance is recommended.) Participants should keep in mind that in order to arrive in Makassar, Indonesia in time for the official beginning of the program, they should typically plan to depart the U.S. no later than May 30, 2014. For information regarding airfares and airlines students may wish to check-out additional airfare sites on the Internet.



**Important** - The Study Abroad Office advises all participants that flight reservations for this program should not be booked until:

- a. After the March 3, 2014 application deadline
- AND**
- b. The SAO has accepted the minimum number of participants needed to operate this program.

This advisory is given so that participants do not find themselves financially responsible for airline tickets should it be necessary to cancel the program. (See section entitled, [CANCELLATION OF THE PROGRAM](#))

**LAND TRANSPORTATION:** For program-related travel the group will travel by city bus, charter boat and taxi.

**PASSPORT: --IMPORTANT--**All participants are required to possess a valid passport by April 15, 2014. Important Note: U.S. passports must be valid SIX months beyond the intended stay overseas. Individuals who do not currently possess a valid passport should apply for one immediately upon acceptance into the program. Passport applications can take anywhere from two to six weeks to process therefore do not delay in applying for your passport. Information on acquiring a U.S. passport is available at the U.S. State Department's website:



[http://travel.state.gov/passport/passport\\_1738.html](http://travel.state.gov/passport/passport_1738.html). Foreign passport holders may need special visas for travel and are responsible for obtaining all necessary visas.

**VISA:** A tourist visa is required and will be purchased at the airport in Indonesia.

**HEALTH REQUIREMENTS/VACCINATIONS:** In order to enter Indonesia, students will be required to obtain the following immunizations: Hepatitis A, typhoid and polio. TB testing pre and post travel is also required. The NIU University Health Service can administer most immunizations. Contact the NIU University Health Service *at least eight weeks* before your program to allow time for immunizations to take effect. The NIU University Health Service can advise students on what immunizations are required and can administer most immunizations. Most immunizations require a fee. Consult the Travel Clinic several months before you travel. Some vaccines need to be given over a period of months, so participants in this program must **START EARLY!**

**NIU MAJOR MEDICAL INSURANCE:** NIU student health insurance is required for participation in an NIU study abroad program. Participants not currently enrolled in the NIU Major Medical Insurance Plan will be enrolled by the Study Abroad Office. The NIU Major Medical Insurance Plan has a \$250 deductible clause. Students requiring medical attention will be expected to pay any related costs and then file a claim with the NIU Student Insurance Office after returning to the States. Receipts showing payment for all medical expenses are required for reimbursement.

**INTERNATIONAL STUDENT IDENTITY CARD:** The International Student Identity Card is optional and can be purchased through the NIU Study Abroad Office. The International Student Identity Card also includes a limited health and accident insurance policy which is only valid outside the U.S. Students will have to pay bills at the time of treatment and will be reimbursed later.



**NIU PROGRAM COST:** The program cost includes the following:

1. Hotel or guesthouse accommodations
2. Land transportation in Indonesia
3. Visa to enter Indonesia
4. Admission fees to cultural and historical sites visited as part of the daily schedule
5. NIU undergraduate or graduate credit
6. NIU major medical insurance

**PROGRAM COST: \$3,455**

All prices quoted are subject to change. The information contained in the program documents and forms is presented in good faith and is believed to be correct as of the date presented. Northern Illinois University reserves the right to amend, modify, revise, or delete any information appearing in these documents, including but not limited to the cost of the program.

Non-NIU students should consult with their home institutions regarding additional costs that may apply to study abroad. Non-NIU students are responsible for any study abroad charges imposed by their home institution.

**ADDITIONAL COSTS TO PARTICIPANTS:**

- Airfare
- Cost of acquiring a passport (approximately \$135, including 2 passport pictures).
- Passport size photos.
- Additional costs associated with obtaining a visa for non-U.S. passport holders.
- Immunization fees (*if immunizations are required*)
- \$40 Undergraduate application fee for non-NIU undergraduate students.
- Independent travel and visa costs associated with independent travel.
- Expenses for free-time pursuits.
- Expenses and purchases of a personal nature.

**NIU UNDERGRADUATE APPLICATION FEE:** (Applies to Non-NIU students only):

There is a \$40 non-refundable Undergraduate Application fee for students applying to NIU for the first time. If you are currently enrolled at NIU as a degree-seeking undergraduate student, you are not required to submit this payment.

If you are applying to NIU for the first time you will be provided with a link in your acceptance packet that will guide you to the online NIU Undergraduate Application. In the online application you will be asked to pay the \$40 application fee by credit card or check.

**FINANCIAL AID:** As a participant in a study abroad program through NIU, applicants may be eligible for: Pell Grant, SEOG, Perkins Loan, PLUS Loan, Subsidized or Unsubsidized Stafford Loan, MAP Award or your privately awarded scholarship with consent of awarding organization.

Please contact Pamela Rosenberg, International Programs Business Manager, Williston Hall 407, (815) 753-9530, [prosenberg@niu.edu](mailto:prosenberg@niu.edu) for more information.

**WITHDRAWAL FROM THE PROGRAM:** Applicants withdrawing from the program after March 3, 2014 will not be refunded the \$200 program deposit.

Applicants withdrawing from the program after this date will also be held accountable for any funds obligated to overseas vendors and agents on the applicant's behalf. This provision is in effect even if the applicant has not submitted the \$200 deposit or additional payments, and if the applicant is applying for financial aid.

If the applicant must withdraw after March 3, 2014 for medical reasons, funds obligated on their behalf to overseas vendors can only be refunded if:

- 1) The request is submitted to the Study Abroad Office in writing and accompanied by a signed statement stating that travel is not advised from a physician on the physician's letterhead; **and**
- 2) NIU is able to obtain refunds from overseas vendors and agents.

**CANCELLATION OF THE PROGRAM:** The Study Abroad Office reserves the right to cancel this program if the minimum required enrollment is not attained. If, prior to the commencement of the program, a U.S. State Department Travel Warning is issued for Indonesia all applicants will be notified promptly of the warning and the possibility of cancellation of the program. If, during the course of the program, a U.S. State Department Travel Warning is issued for Indonesia, students will be promptly notified of the warning and the advisability of canceling the program.

**NORTHERN ILLINOIS UNIVERSITY RESERVES THE RIGHT TO ALTER  
OR CANCEL THIS PROGRAM AS MAY BE DEEMED NECESSARY!**