

LIS S554

Library Systems

Department of Library and Information Science
Indiana University School of Informatics and Computing
Indianapolis
Spring 2022

Section No.: 22210
Credit Hours: 3
Instructor: Rachel Erpelding
Email: rabehnke@iu.edu (use Canvas Inbox for course matters)
Prerequisites: S500
Instruction mode: This course is offered online only

COURSE DESCRIPTION

Principles for the design, selection, implementation, and management of automated systems of all types in libraries, including systems for technical services processing, reference and user services, and management. Focus is on present and future applications of technology in libraries, their technical features, and their implications for library services and management. When possible, some practical experience with a particular application will be provided.

EXTENDED COURSE DESCRIPTION

The ILS (Integrated Library System) is still the most important component in an automated library. In S554, we explore the mechanics of the traditional ILS and become familiar with its modules. We examine library technological standards as well as issues involved in implementing, migrating, and protecting library systems. As a result of current trends in technology and how services are delivered, the traditional ILS is rapidly evolving as well as competing with certain web-based technologies in order to meet patrons' needs in a more collaborative and interactive manner. Everything from the OPAC to how we interact with our patrons is always open to reconsideration.

Required Readings/Resources

You will read each provided Module "lecture" as well as indicated sections of:

Koha manual: <https://koha-community.org/manual/20.05/en/html/>

Recommended Readings/Resources

- [ALA TechSource \(www.techsource.ala.org\)](http://www.techsource.ala.org)
- [Computers in Libraries \(www.infotoday.com/cilmag/ciltop.htm\)](http://www.infotoday.com/cilmag/ciltop.htm)
- [Library Technology Guides \(www.librarytechnology.org/\)](http://www.librarytechnology.org/)
- [code4lib \(code4lib.org/\)](http://code4lib.org/)

Student should already have mastered basic technology skills. For students lacking entry skills, existing online resources can be valuable. IUPUI provides access to excellent online tutorials. The following resources are recommended for course assignments, exercises, and projects:

- For self-instructional modules focusing on a wide range of basic technology skills, go to [UITS IT Training \(iu.edu/explore-topics/show-all/index.html\)](https://iu.edu/explore-topics/show-all/index.html)
- For additional software training materials, go to [UITS IT Training: Skillsoft\(iu.edu/skillsoft/\)](https://iu.edu/skillsoft/)

Canvas will be an integral part of the course. If you have problems accessing Canvas, please contact the University Information Technology Services (UITS) Support Center at 317-274-HELP. All course announcements will be found in Canvas along with the course schedule, exercises for grade, practice exercises, answer keys, and other course documents.

Required Software

In your LIS courses you will need to create documents or presentations, manipulate spreadsheets, and more.

You have three sources for software: IUware, IUanyWare, Office 365

- **IUware** (<https://iuware.iu.edu/>) allows students, faculty, and staff to download software at no charge. See: [What is IUware? \(https://kb.iu.edu/d/agze\)](https://kb.iu.edu/d/agze)
- **IUanyWare** (<https://uits.iu.edu/iuanyware>) uses a web browser or mobile app to run certain IU-licensed software applications without your needing to install them on your device. See: [About IUanyWare \(https://kb.iu.edu/d/bbbr\)](https://kb.iu.edu/d/bbbr) [Note: You will be asked to download and install Citrix Receiver the first time you use the full service.]
- **Office 365** (<https://uits.iu.edu/office365>) is a subscription-based service free to all IU currently enrolled students that provides multiple options for accessing the newest versions of Microsoft Office. See: [About Microsoft Office 365 at IU \(https://kb.iu.edu/d/bexq\)](https://kb.iu.edu/d/bexq)

For more details, see [How to get university-licensed software at IU? \(https://kb.iu.edu/d/aclo\)](https://kb.iu.edu/d/aclo)

Teaching and Learning Methods

Active learning (AL), project-based learning (PBL), and asynchronous use of Canvas.

ASSESSMENTS

Revised Bloom's Taxonomy (RBT)

The revised Bloom's taxonomy (RBT) presents a way to classify different types of learning experiences across two levels: 1) The revised Bloom's taxonomy cognitive process (RBTCP) dimension and 2) the revised Bloom's taxonomy knowledge (RBTk) dimension. The RBTCP

dimension represents a continuum of increasing cognitive complexity—from remember to create—across six levels:

1. **Knowledge/Remembering:** The ability to recall or recognize specific information or data.
2. **Understanding:** Understanding the meaning of informational materials, translation, interpolation and interpretation of instructions and problems.
3. **Application:** The use of previously learned information in new and concrete situations to solve problems that have single or best answers.
4. **Analysis:** Breaks down information/concepts into smaller components. Each component is identified and understood as is the relationship of these components to the whole.
5. **Evaluation:** The ability to apply a criterion or set of standards to conclude a value judgment.
6. **Creation, Synthesis:** The ability to merge knowledge into creating a new meaning or structure including demonstrating how and why various diverse elements work together.

Principles of Graduate and Professional Learning (PGPL)

The principles below form a conceptual framework that describes expectations of all graduate/professional students at IUPUI. More specific expectations are determined by the faculty in a student's field of study. Together, these expectations identify knowledge, skills, and abilities graduates will have demonstrated upon completing their specific degrees. There are four PGPLs:

1. Demonstrating mastery of the knowledge and skills expected for the degree and for professionalism and success in the field
2. Thinking critically, applying good judgment in professional and personal situations
3. Communicating effectively to others in the field and to the general public
4. Behaving in an ethical way both professionally and personally

MLIS Program Learning Outcomes (PLOs)

The Master of Library and Information Science (MLIS) program prepares students to become reflective practitioners who connect people and communities with information.

1. Connect core values and professional ethics to practice
2. Facilitate engagement in the information ecosystem
3. Curate collections for designated communities
4. Lead and manage libraries, archives, and other information organizations
5. Organize and represent information
6. Conduct systematic research to inform decisions
7. Innovate professional practice with information services and technology

Framework for Information Literacy (FIL)

The ACRL (Association of College and Research Libraries) Framework for Information Literacy is introduced throughout our curriculum.

1. Authority is Constructed and Contextual
2. Information Creation as a Process
3. Information Has Value
4. Research as Inquiry
5. Scholarship as a Conversation
6. Searching as Strategic Exploration

To learn more, go to [Framework for Information Literacy for Higher Education \(www.ala.org/acrl/standards/ilframework\)](http://www.ala.org/acrl/standards/ilframework)

Learning Outcomes

Assessments are interactive and use the Canvas Discussion forum. We constantly engage each other, but grading depends more on individual contributions rather than responses to peers. There are 14 Module Discussion forums but each with different parameters and possible points, ranging from 3 to 10 points).

M: Module

Upon completion of this course, students will	RBT	PGPL	FIL	PLO	Assessment
Contrast the different components of an ILS	4	1	1	5,7	M1
Configure ILS system parameters	6	2	3	7	M2
Configure an ILS for items and patrons	6	1	3	7	M3, M4
Configure an ILS for circulation rules	6	1	3	7	M5
Catalog and refine item records in an ILS	6	2	2	3	M6, M7
Create the Acquisition environment for the ILS	6	1	3	7	M8
Coordinate the Serials workflow for the ILS	6	1	3	3,5	M9
Circulate materials in an ILS	4	1	1	2	M10
Determine enhanced patron services	5	1	3	2	M11
Build reports for data analysis and output	6	1	1	4	M12, M13
Distinguish library data responsibilities	4	1	2	3,4	M14

COURSE SCHEDULE

Modules

NOTE: The readings and assignments are found in the course Canvas instance. What follows is a brief description of what each Module covers.

(1)

Introduction to the integrated library system:

This Module introduces the typical Integrated Library System (ILS) and its products, both proprietary and open source for academic, public, school, or special libraries. Some perspective is given on the historical ILS marketplace and its evolution during the past 40 years.

(2)

Setting up global system preferences for an ILS:

To prepare an ILS and make it work as you want for your situation, you have access to system preferences (e.g., MARC flavor, date format, templates, etc.). Many default preferences are set, but we are also able to personalize how a particular system works.

(3)

Configuring item types:

We begin our discussion on how to set up and configure an ILS. This period concentrates on ILS item types for a library. Item types differ per library, and per the type of library (public, academic, school, special, etc.). Item types comprise both physical and virtual holdings of a library.

(4)

Configuring patron types:

We develop the concept of ILS patron types for a library. We define patron categories and patron attribute types (identifiers and statistical categories) for patron records, depending on the users of a particular library type.

(5)

Determining circulation and fines rules:

We define circulation and fines rules for combinations of libraries, patron categories, and item types. We also examine item circulation alerts: Define rules for check-in and checkout notifications for combinations of libraries, patron categories, and item types.

(6)

Cataloging:

In our library ILS development, we examine the cataloging module, how to get MARC records, and how to manipulate these records and their display. We start to build our collection in the library for future circulation practice.

(7)

Cataloging and cataloging standards; MARC, Z39.50; Authorities:

We continue to work on the cataloging module, using a Z39.50 client to access MARC records. We also examine the issues of Interlibrary Loan for libraries and how we can use other library resources with our own ILS.

(8)**Acquisitions:**

We explore a typical ILS by examining the Acquisitions module and how it is related to Cataloging and other components. We will use budgets and funds in the ordering process.

(9)**Serials:**

We explore further a typical ILS by examining the Serials module for materials that are received on a predictable pattern. We "catalog" serials but in a different manner than non-repeating resources.

(10)**Circulation:**

We examine the Circulation module of an ILS and how to deal with patron registration issues. We create a patron base and use it to circulate items from our collection.

(11)**Serving the patron; Patron accounts and enhanced content:**

For our ILS, we explore the features that will allow us to integrate trending technology with our existing system. We cover the impact of social networking in a typical ILS and how to manage it.

(12)**Relational databases and Reports: SQL reports and Guided reports:**

The ILS database is demystified. We study the concept of the relational database and how it can be address by SQL. We also examine GUI report generating. We construct useful reports with both canned and ad hoc reporting features.

(13)**Statistics wizards:**

For a typical ILS, we explore the ILS statistics wizard feature to see how our database can provide an overview of library activity. Statistics are essential to any library, but we also discover how statistics can mislead.

(14)**ILS migration:**

Extracting data once it is in your system is a major consideration. We need to look at how data was entered into the system and prepare the database so that the extraction is not corrupt. Migrating your data into a new system involves correct mapping. We will resolve this issue for our ILS.

(15)**Final project proposals:**

Students are given an opportunity to create scenarios that assess concepts of library systems.

GRADING SCALE

Grade	Description
A (100% to 96%)	Outstanding achievement. Student performance demonstrates full command of the course materials and evinces a high level of originality and/or creativity that far surpasses course expectations.
A- (95.9% to 90%)	Excellent achievement. Student performance demonstrates thorough knowledge of the course materials and exceeds course expectations by completing all requirements in a superior manner.
B+ (89.9% to 87%)	Very good work. Student performance demonstrates above-average comprehension of the course materials and exceeds course expectations on all tasks as defined in the course syllabus.
B (86.9% to 84%)	Good work. Student performance meets designated course expectations, demonstrates understanding of the course materials, and performs at an acceptable level.
B- (83.9% to 80%)	Marginal work. Student performance demonstrates incomplete understanding of course materials.
C+ through C- (79.9 % to 70%)	Unsatisfactory work. Student performance demonstrates incomplete and inadequate understanding of course materials. An incomplete may be granted under special circumstances.
D through F (69.9 % >)	Student has failed the course. An incomplete is not an available option.

Note that to satisfy a core requirement, grade must be B- or above. For electives, grade must be C or above (and overall GPA 3.0 or above).

EXPECTATIONS, GUIDELINES, AND POLICIES**Attendance**

The course will be taught entirely online including web-based readings and resources, threaded

discussions, plus online presentations and activities.

This course assumes that students can work independently. There are no required face-to-face meetings. There are no required synchronous online meetings. However, students are encouraged to e-mail or arrange an online chat with the instructor at any time.

A basic requirement of this course is that you will participate in all class activities and conscientiously complete all required course assignments. Students are expected to complete the assignments, quizzes, and projects on time, which is your attendance.

Incompletes

Incompletes are only available when unexpected events prevent completion of the course requirements in the usual time frame. No student with multiple incompletes may register for additional courses. Left unchanged, an Incomplete automatically becomes an F after one year. See: [IUPUI Registrar: Grade of Incomplete \(registrar.iupui.edu/incomp.html\)](http://registrar.iupui.edu/incomp.html)

Deliverables

You are responsible for completing each deliverable (e.g., task, final project) by its deadline and submitting it by the specified method. Deadlines and submission instructions are outlined in the syllabus or in supplementary documents accessible through Canvas. In fairness to the instructor and students who completed their work on time, a grade on a deliverable shall be reduced 10%, if it is submitted late and a further 10% for each 24-hour period it is submitted after the deadline.

Your Questions, Concerns, and Comments

Please do not hesitate to contact the instructor directly via Canvas mail with any questions. If needed, the instructor will also use Canvas Announcements to notify the entire group (e.g., syllabus change, instructor availability, etc.).

If you have problems accessing Canvas, please contact the University Information Technology Services (UITs) Support Center at 317-274-HELP. All course Announcements will be found in Canvas along with the course schedule, assignments, and other course documents.

MLS PROGRAM OUTCOMES

The Master of Library Science (M.L.S.) program prepares students to become reflective practitioners who connect people and communities with information. Upon completion of the M.L.S. program, graduates are prepared to meet the program outcomes.

See [M.L.I.S. Program goals: \(soic.iupui.edu/lis/master-library-science/learning-outcomes/\)](http://soic.iupui.edu/lis/master-library-science/learning-outcomes/)

ALA MLS COMPETENCIES

A person graduating from an ALA-accredited master's program in library and information studies should know and, where appropriate, be able to meet the ALA standards.

See: [ALA Core Competences of Librarianship](http://www.ala.org/educationcareers/sites/ala.org.educationcareers/files/content/careers/corecom)

(www.ala.org/educationcareers/sites/ala.org.educationcareers/files/content/careers/corecom)

<p/corecompetences/finalcorecompstat09.pdf>)

CODE OF CONDUCT

All students should aspire to the highest standards of academic integrity. Using another student's work on an assignment, cheating on a test, not quoting or citing references correctly, or any other form of dishonesty or plagiarism shall result in a grade of zero on the item and possibly an F in the course. Incidences of academic misconduct shall be referred to the Department Chair and repeated violations shall result in dismissal from the program.

All students are responsible for reading, understanding, and applying the *Code of Student Rights, Responsibilities and Conduct* and in particular the section on academic misconduct. Refer to [The Code of Student Rights](http://studentcode.iu.edu/) (studentcode.iu.edu/)

All students must also successfully complete the Indiana University Department of Education "How to Recognize Plagiarism" Tutorials and Tests (www.indiana.edu/~academy/firstPrinciples/)

You must document the difference between your writing and that of others. Use quotation marks in addition to a citation, page number, and reference whenever writing someone else's words (e.g., following the *Publication Manual of the American Psychological Association*). To detect plagiarism instructors apply a range of methods.

Academic Misconduct

1. **Cheating:** Cheating is considered to be an attempt to use or provide unauthorized assistance, materials, information, or study aids in any form and in any academic exercise or environment.
 1. A student must not use external assistance on any "in-class" or "take-home" examination, unless the instructor specifically has authorized external assistance. This prohibition includes, but is not limited to, the use of tutors, books, notes, calculators, computers, and wireless communication devices.
 2. A student must not use another person as a substitute in the taking of an examination or quiz, nor allow other persons to conduct research or to prepare work, without advanced authorization from the instructor to whom the work is being submitted.
 3. A student must not use materials from a commercial term paper company, files of papers prepared by other persons, or submit documents found on the Internet.
 4. A student must not collaborate with other persons on a particular project and submit a copy of a written report that is represented explicitly or implicitly as the student's individual work.
 5. A student must not use any unauthorized assistance in a laboratory, at a computer terminal, or on fieldwork.

6. A student must not steal examinations or other course materials, including but not limited to, physical copies and photographic or electronic images.
 7. A student must not submit substantial portions of the same academic work for credit or honors more than once without permission of the instructor or program to whom the work is being submitted.
 8. A student must not, without authorization, alter a grade or score in any way, nor alter answers on a returned exam or assignment for credit.
2. **Fabrication:** A student must not falsify or invent any information or data in an academic exercise including, but not limited to, records or reports, laboratory results, and citation to the sources of information.
 3. **Plagiarism:** Plagiarism is defined as presenting someone else's work, including the work of other students, as one's own. Any ideas or materials taken from another source for either written or oral use must be fully acknowledged, unless the information is common knowledge. What is considered "common knowledge" may differ from course to course.
 1. A student must not adopt or reproduce ideas, opinions, theories, formulas, graphics, or pictures of another person without acknowledgment.
 2. A student must give credit to the originality of others and acknowledge indebtedness whenever:
 1. directly quoting another person's actual words, whether oral or written;
 2. using another person's ideas, opinions, or theories;
 3. paraphrasing the words, ideas, opinions, or theories of others, whether oral or written;
 4. borrowing facts, statistics, or illustrative material; or
 5. offering materials assembled or collected by others in the form of projects or collections without acknowledgment
 3. **Interference:** A student must not steal, change, destroy, or impede another student's work, nor should the student unjustly attempt, through a bribe, a promise of favors or threats, to affect any student's grade or the evaluation of academic performance. Impeding another student's work includes, but is not limited to, the theft, defacement, or mutilation of resources so as to deprive others of the information they contain.
 4. **Violation of Course Rules:** A student must not violate course rules established by a department, the course syllabus, verbal or written instructions, or the course materials that are rationally related to the content of the course or to the enhancement of the learning process in the course.
 5. **Facilitating Academic Dishonesty:** A student must not intentionally or knowingly help or attempt to help another student to commit an act of academic misconduct, nor allow another student to use his or her work or resources to commit an act of misconduct.

OTHER POLICIES

1. **Administrative withdrawal:** A basic requirement of this course is that students complete all required course activities. If a student is unable to attend, participate in, or complete an assignment on time, it is the student's responsibility to inform the instructor. If a student misses more than half of the required activities within the first 25% of the course without contacting the instructor, the student may be administratively withdrawn from this course. Administrative withdrawal may have academic, financial, and financial aid implications. Administrative withdrawal will take place after the full refund period, and a student who has been administratively withdrawn from a course is ineligible for a tuition refund. Contact the instructor with questions concerning administrative withdrawal. Learn more at [IUPUI Administrative Withdrawal Policy \(iupui.edu/withdrawal-policy.html\)](http://iupui.edu/withdrawal-policy.html)
2. **Civility:** To maintain an effective and inclusive learning environment, it is important to be an attentive and respectful participant in all course exercises. IUPUI nurtures and promotes "a campus climate that seeks, values, and cultivates diversity in all of its forms and that provides conditions necessary for all campus community members to feel welcomed, supported, included, and valued" (IUPUI Strategic Initiative 9). IUPUI prohibits "discrimination against anyone for reasons of race, color, religion, national origin, sex, sexual orientation, marital status, age, disability, or veteran status" (Office of Equal Opportunity). Profanity or derogatory comments about the instructor, fellow students, invited speakers, or any members of the campus community shall not be tolerated. A violation of this rule shall result in a warning and, if the offense continues, possible disciplinary action.
3. **Communication:** For online courses, the instructor or teaching assistant should respond to emails within two Indiana University working days, which excludes weekends and holidays. The instructor should accept appointments for face-to-face, telephone, or teleconferenced meetings, and announce periods of extended absence in advance.
4. **Conferences:** To present research at an academic conference as speaker is commendable and aligns with the educational and research mission of the school and university. However, instructors can only provide accommodations for absences if a student is presenting work, such as a paper or poster, or is supported by a school or campus-level scholarship. The student should request from the instructor accommodation for an absence as soon as possible upon paper, poster, or scholarship acceptance. In the request for accommodation for absence, the student should provide supporting documentation of acceptance as well as confirmation from their mentor or campus sponsor that the presentation is to meet a research, educational, or diversity objective. Permission is granted at the discretion of the instructor. Students should not expect an exception for nonacademic conferences or conferences at which the student is not presenting as speaker. Travel arrangements should not be made until the student has received permission from the instructor.
5. **Counseling and Psychological Services (CAPS):** Students seeking counseling or other psychological services should contact the CAPS office at 274-2548 or

capsindy@iupui.edu. For more information visit the [CAPS website \(iupui.edu/health-wellness/counseling-psychology/\)](http://iupui.edu/health-wellness/counseling-psychology/)

6. **Course evaluations:** Course evaluations provide vital information for improving the quality of courses and programs. Students are not required to complete a course or instructor evaluation for any section in which they are enrolled at the School of Informatics and Computing. Course evaluations are completed in Canvas (Course Questionnaire). Course evaluations are open from the eleventh week. Course evaluations are anonymous, which means that no one can view the name of the student completing the evaluation. In addition, no one can view the evaluation itself until after the instructor has submitted the final grades for the course. In small sections, demographic information should be left blank, if it could be used to identify the student.
7. **Disabilities policy:** In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to reasonable accommodations. Please notify the instructor during the first week of class of accommodations needed for the course. Students requiring accommodations because of a disability must register with Adaptive Educational Services (AES) and complete the appropriate AES-issued before receiving accommodations. Students with learning disabilities for which accommodations are desired should contact the Adaptive Educational Services office on campus, and inform the instructor as soon as possible: [Adaptive Educational Services \(AES\) \(iupui.edu/\)](http://iupui.edu/adaptive-educational-services/) 317-274-3241.
8. **Email:** Indiana University uses your IU email account as an official means of communication, and students should check it daily. Although you may have your IU email forwarded to an outside email account, please email faculty and staff from your IU email account.
9. **Emergency preparedness:** Know what to do in an emergency so that you can protect yourself and others. For more information, visit the emergency management website at [Protect IU \(protect.iu.edu/emergency\)](http://protect.iu.edu/emergency)
10. **IUPUI course policies:** Several campus policies governing IUPUI courses may be found at [IUPUI Course Policies \(registrar.iupui.edu/course_policies.html\)](http://registrar.iupui.edu/course_policies.html)
11. **No class attendance without enrollment.** Only those who are officially enrolled in this course may attend class unless enrolled as an auditor or making up an Incomplete by prior arrangement with the instructor. This policy does not apply to those assisting a student with a documented disability, serving in an instructional role, or administrative personnel. See [Administrative Policy: No Class Attendance without Official Enrollment \(iupui.edu/official-enrollment-class-attendance.html\)](http://iupui.edu/official-enrollment-class-attendance.html)
12. **Religious holidays:** Students seeking accommodation for religious observances must submit a request form to the course instructor by the end of the second week of the semester. For information visit [IUPUI Policy on Religious Holidays \(registrar.iupui.edu/religious.html\)](http://registrar.iupui.edu/religious.html).
13. **Right to revise:** The instructor reserves the right to make changes to this syllabus as necessary and, in such an event, will notify students of the changes immediately.
14. **Sexual misconduct:** IU does not tolerate sexual harassment or violence. For more information and resources, visit [Stop Sexual Violence \(iu.edu/\)](http://iu.edu/stop-sexual-violence/)

15. **Student advocate:** The Student Advocate assists students with personal, financial, and academic issues. The Student Advocate is in the Campus Center, Suite 350, and may also be contacted at 317 274-4431 or studvoc@iupui.edu. For more information visit [Division of Student Affairs \(studentaffairs.iupui.edu/advocate\)](http://studentaffairs.iupui.edu/advocate)

IUPUI COURSE POLICIES

A number of campus policies governing IUPUI courses may be found at the following link: [Course Policies \(registrar.iupui.edu/course_policies.html\)](http://registrar.iupui.edu/course_policies.html)

See the [Important Supplement for IUPUI Syllabi](#) (.pdf). A link to this document is also automatically included in each Canvas course as “Syllabus Supplement.” This supplement covers:

- IUPUI Policy on Disability Accommodations
- IUPUI Policy on Religious Holidays
- IUPUI Policy on Academic Integrity
- IUPUI Policy on Sexual Misconduct
- Education and Title VI
- Military Related Personnel Statement
- Two-Step Login (Duo)

MISSION STATEMENT

The Mission of IUPUI is to provide for its constituents excellence in

- Teaching and Learning;
- Research, Scholarship, and Creative Activity; and
- Civic Engagement.

With each of these core activities characterized by

- Collaboration within and across disciplines and with the community;
- A commitment to ensuring diversity; and
- Pursuit of best practices.

IUPUI’s mission is derived from and aligned with the principal components—Communities of Learning, Responsibilities of Excellence, Accountability and Best Practices—of Indiana University’s Strategic Directions Charter.

STATEMENT OF VALUES

IUPUI values the commitment of students to learning; of faculty to the highest standards of teaching, scholarship, and service; and of staff to the highest standards of service. IUPUI recognizes students as partners in learning. IUPUI values the opportunities afforded by its location in Indiana's capital city and is committed to serving the needs of its community. Thus, IUPUI students, faculty, and staff are involved in the community, both to provide educational programs and patient care and to apply learning to community needs through service. As a leader in fostering collaborative relationships, IUPUI values collegiality, cooperation, creativity, innovation, and entrepreneurship as well as honesty, integrity, and support for open inquiry and dissemination of findings. IUPUI is committed to the personal and professional development of its students, faculty, and staff and to continuous improvement of its programs and services.