Welcome to DigitalCommons@IMSA 2015

Strategy 4 - We will generate scholarship that demonstrates the effectiveness of our practices and transfers knowledge produced by our work.

"DigitalCommons@IMSA reflects the scholarly, innovative, and pedagogical culture of our academy. The goal of the online repository is to share the intellectual output of IMSA and to increase visibility and impact through worldwide access."

DigitalCommons has been fully operational for two and a half years.
FY14: 464 works to date | 43,278 full-text downloads to date | 27,613 downloads in the past year
FY15: 762 works to date | 88,466 full-text downloads to date | 44,033 downloads in the past year

The library's goals with respect to the repository are to:

- Promote and disseminate academic and creative achievements of faculty, staff, and students
- Increase discovery and ensure preservation of IMSA's scholarship and intellectual output
- Document and record IMSA's history and progress

Important updates this year include:

~ The successful completion of the DigitalCommons Manager Certification Program.

~ An update on DigitalCommons to the Illinois State Appropriations by Dr. Jose Torres.

~ A relationship with the Marketing Dept. that has culminated in the creation of a Professional Accomplishments section within Team IMSA and regular posts to IMSA's official facebook page.

~ The Archives and Special Collections, which includes all of the Presentation Day/IMSAloquium Abstract booklets, IMSA Course Catalogs, and a Dr. Leon Lederman series.

~ Five new SelectedWorks sites.

~ Continued support from members of the Advisory Group that is comprised of faculty, staff, program leaders, and department heads. Individual members provided input on new collections, best practices and procedures, documentation, training, and marketing.

DEPARTMENTS, CENTERS, AND PROGRAMS:

"Scholarship is defined as the creative intellectual work that is communicated, validated and used by our peers."

IMSA was granted permission by these authors and their publishers to "archive" the 1ˢᵗ chapter of their books:

Dr. Lee Eysturlid, history/social science faculty, published a book of historical scholarship, Philosophers of War: The Evolution of History's Greatest Military Thinkers. This two-volume encyclopedia of 994 pages was co-edited by Dr. Eysturlid and included contributing authors from IMSA's History and Social Sciences Department: Dr. Claiborne Skinner, Dr. Robert Kiely and Ms. Kirsty Montgomery.
Full text of the 1ˢᵗ chapter is available in DigitalCommons: http://digitalcommons.imsa.edu/hss_pr/8/

Dr. Carl Heine, IMSA Talent and CoolHub.IMSA, who published his first book "Teaching Information Fluency: How to Teach Students to Be Efficient, Ethical, and Critical Information Consumers."
Full text of the 1ˢᵗ chapter is available in DigitalCommons:http://digitalcommons.imsa.edu/stratinnov_pr/2/

IMSA was granted permission by these authors and their publishers to "archive" the post-print or publishers pdf version of their articles:

Dr. Leah A. Kind, English faculty, published an article titled *Arming Herself in Leaden Stupor: 'Janet's Repentence' and the Rose of Female Alcoholism* in the October 2013 issue of George Eliot-George Henry Lewes Studies, a publication of the English Department of Northern Illinois University.
The full text is available in DigitalCommons: http://digitalcommons.imsa.edu/eng_pr/4/

Dr. Daniel Gleason, Director of Academic Programs and English Faculty, authored a paper that published in volume 78 of The Educational Forum. The article was titled *Reformers, Batting Averages, and Malpractice: The Case for Caution in Value-Added Use*.

The full text is available in DigitalCommons: http://digitalcommons.imsa.edu/eng_pr/3/

Dr. Jeong V. Choe, Science faculty, co-authored an article titled *Developing Transfer Skills in a Biochemistry Class* was published in the winter issue of Spectrum, a publication of the Illinois Science Teachers Association (ISTA).
The full text is available in DigitalCommons: http://digitalcommons.imsa.edu/sci_pr/11/

Dr. Noah Prince, Mathematics faculty, co-authored a 20-page article titled *Total Acquisition in Graphs* that was published in vol. 27 no. 4 issue of the Society for Industrial and Applied Mathematics Journal.
The full text is available in DigitalCommons: http://digitalcommons.imsa.edu/math_pr/7/

Dr. Megan E. Schrementi, Biology faculty, co-authored a paper that was published in *PLOS ONE*. The article was titled *Blockade of Mast Cell Activation Reduces Cutaneous Scar Formation*.
The full text is available in DigitalCommons: http://digitalcommons.imsa.edu/sci_pr/10/

Barbara Miller, Director of Enrollment and Academic Opportunities, and **Adrienne Coleman**, Multicultural Education Specialist co-authored two articles:

• *The IMSA PROMISE: Diverse Perspectives Do Enrich Understanding* published in the winter 2014 issue of the international online journal, Understanding Our Gifted Journal.
The full text is available in DigitalCommons: http://digitalcommons.imsa.edu/pres_pr/24/

• *The IMSA PROMISE: Igniting and Nurturing Diverse STEM Talent* published in the 2014 annual IAGC Journal.
The full text is available in DigitalCommons: http://digitalcommons.imsa.edu/pres_pr/23/

Dave DeVol, Chemistry Faculty, Science Team Operational Coordinator, Building Operational Coordinator, authored an article "Case Study of a Successful Educational Partnership: University of Illinois at Urbana-Champaign and the Illinois Mathematics and Science Academy" in *NCSSSMST Journal.*
The full text will be available in DigitalCommons later this month.

Diane Hinterlong, Assistant, Principal, **Branson Lawrence**, Principal, and **Purva DeVol**, Chief of Staff, co-authored an article "Increasing Interest of Young Women in Engineering" in *NCSSSMST Journal.*
The full text will be available in DigitalCommons later this month.

New English Teacher Resources:

~   There are currently eight English teaching units being developed by the English team.
~   Their lesson plans in these units continue to be some of the most heavily downloaded content in the repository.

CONFERENCES AND EVENTS:

Professional Learning Day: http: http://digitalcommons.imsa.edu/proflearningday/

In addition to sharing evidence of the effective practices of teaching and learning through students and groups, the institution has shown a commitment to produce such evidence through their Professional Development Day.

Educators from all over the state attend this full-day conference that features presentations by IMSA faculty and staff not only in STEM disciplines, but also on cross-curricular topics, and the humanities. With the development of the Digital Commons, IMSA scholarship and pedagogical approaches that are shared on Professional Learning Day have become more widely available.

Enhancements this year included branded PowerPoint templates for IMSA faculty/staff presenters. Their presentations can be viewed in DigitalCommons with the newly embedded pdf reader. Presentations and supplemental materials are still available for download. Online videos of the Keynote Address for both tracks are also available in DigitalCommons.

Lecture Series: http://digitalcommons.imsa.edu/lectures/

This project is an ongoing collaboration between DigitalCommons, IMSA Archives, IMS, the Principal's Office, and the President's Office.

There are currently 26 lectures that have been selected from five IMSA lecture series: Bernard C. Hollister Memorial Lectures, IMSA Great Minds Program©, James R. Thompson Leadership Lectures, Richard L. Horwitz Lecture on Ethics, and Special Lectures.

Each lecture includes an embedded video and a pdf of the program.

<p style="text-align: center;">**STUDENT WORKS:**</p>

Award for Excellence in Expository Writing – *This series is complete from 2009 Fall Semester to 2013 Fall Semester*

1. The primary purpose of this award is to recognize and reward outstanding expository and analytical writing in the field of English at IMSA.
2. The award is offered each semester.
3. All students enrolled in English classes are eligible to participate.
4. The criteria is that it must be an academic paper turned in for an English class during the current semester – not a creative writing assignment.
5. There is a blind review process by a panel of 3 judges, which rotates every semester.
6. One of the three winners is chosen at random to win the prize (currently an Amazon Kindle).

Student Art Fund Purchase Award – *This series is complete from Spring 2009 to Spring 2013*

1. Donors to the IMSA Fund for Advancement of Education have established this special fund that recognizes and celebrates outstanding student artistic creativity through an annual purchase award of $100.
2. Students are encouraged to submit their work during the spring semester of each academic year.
3. In May, a panel reviews each submission and selects exceptional pieces to retain and display at IMSA as part of the permanent Campus Art collection.
4. The Student Art Fund Purchase Award recognizes student learning with respect to the Standards of Significant Learning:
   - 4D: Develop an aesthetic awareness and capability
   - IA: Develop automaticity in skills, concepts and processes that support and enable complex thought
5. Through these two SSLs, students create works of art, which are significant with respect to the integration of process, idea, creativity, critical thinking and craftsmanship.

Student Publications and Research:

Dr. Scheppler selects the distinguished student to be included in this collection that is comprised primarily of published papers and select conference papers and presentations.

There are currently eight students/student groups who have been invited to submit their papers/presentations.

Understanding the Discipline Wheel:

The bepress Disciplines List is a three-tiered taxonomy of academic disciplines used to tag content submitted to Digital Commons. By making this taxonomy available to all Digital Commons repositories, bepress can support   tools that allow subscribers to showcase their content by discipline.