Jefferson Digital Commons Quarterly Report: January-March 2013

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The Jefferson Digital Commons is off to a great start for 2013. The first quarter of the year ended with 1,144 new assets added to the archive. To date the total number of assets in the JDC is up to 7,698. A link to the entire inventory is available at the bottom of this report and this report is not an April Fools’ Day joke.

- Downloads went from 1,209,115 at the end of December 2012 to 1,331,432 at the end of March 2013
- 122,317 new downloads over the past quarter
- Over the past quarter, the JDC averaged over approximately 40,772 downloads per month
- Approximately 1,360 download per day.

The most downloaded asset added this quarter was: Bandemia with normal white blood cell counts associated with infection with 437 downloads. It was uploaded on January 2, 2013.

A LibGuide has been created for the JDC. The link has been posted on the About page and in the author corner, which appears on every page in the JDC on the left-hand side navigation bar. This LibGuide offers examples of the types of assets archived in the JDC.

Highlights of new items archived in the JDC:

**Presentations:**

- First annual Berkowitz humanism in medicine lecture
- "Nonpharmacologic Therapies for the Treatment of Asthma"
- "Membrane Medicine: Neurometabolic Cellular Stabilization with Lipid Therapy for Treatment of Neurological Disease"
- Allergy in Adult Asthma: What the Pulmonologist Should Know
- "The Choosing Wisely® Campaign: Is This a Game Changer?"
- Healthcare Quality Improvement and Education in Diabetes Management: Overcoming Clinical Inertia to Achieve Glycemic Goals
- Mindfulness-Based Stress Reduction: Quantitative and Qualitative Assessment
- Do we really know what anyone wants? Advance directives, surrogates and beyond
- End of Life Decision-Making in the ICU (Part 2): Strategies for Effective Communication
- Tech Talks given by faculty on various topics
- New therapeutic options for stroke prevention in atrial fibrillation

**Publications:**

- Book chapter published by Kellie Smith and Molly Rose
- **Annual Report from Department of Radiology**

**Poster from an AISR staff member:**

- **Contemporary Therapeutic Aquatics: Interprofessional Course**

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**Contemporary Therapeutic Aquatics: Interprofessional Course**

Marcia Levinson, PT, MFT, PhD; Martha L. Ankeny, M.Ed; E. Adel Harge, OTD, OTR/L, FAOTA

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**Background**

Aquatic therapy can meet the needs of individuals from childhood to older adulthood with a variety of health conditions, and is recognized as preferable to land-based therapy. Information on how aquatic therapy is a rapidly expanding area of practice.

**Course Description**

- Interprofessional course for occupational and physical therapy students weekly classes over 34 hours, total 18 weeks,
- Practicum component of 1 week's interprofessional activities, optional to pool practices at the end of each session.
- Evidence-based, skill-based practices with a variety of patient/client in an aquatic environment.
- Includes treatment, rehabilitation, prevention, health, wellness, and fitness in an aquatic environment.
- A clinician expert in each topic brought to lecture & teach in pool.

**Course Objectives**

1. Understand and apply knowledge of the properties of water
2. Discuss general water safety, precautions, and contraindications pertaining to musculoskeletal, neurological, cardiopulmonary, fitness/wellness, adult developmental disabilities, pediatrics, and other populations.
3. Demonstrate specific methods and techniques for evaluation and treatment of musculoskeletal, neurological, cardiopulmonary, fitness/wellness, adult developmental disabilities, and other populations.
4. Understand treatment techniques that influence client participation such as fine, body image, and intimacy while demonstrating effective use of self.
5. Demonstrate understanding of business practices regarding aquatic therapy, including reimbursement, documentation, advanced practice opportunities, and related resources.

**Course Evaluation**

- **Content learned:**
  - 100%
    - Learning knowledge in properties of water applied to intervention
    - Developing skill in designing therapeutic interventions
    - Learning more about how OT and PT use the aquatic environment
    - 100%
  - 90%
    - Understanding how evidence supports aquatic therapy
  - **Strengths of the Course:**
    - Class discussions, guest speakers, class structure (didactic or in pool sessions)
    - 80%
  - **Practices with Standard/Participate, Interprofessional Team Project**

**Learning Activities**

- IP Team Project—presentation and pool demonstration, PT and OT by students
- Written Final Exam—administered online
- Pool Practice with Standardized Patient—individual implementation of intervention with handling

**Student Comments**

- I enjoyed being able to participate in class and then carry over what I learned in the pool afterwards. I was very satisfied with this environment.
- I always remember the relationships we get to actually build interprofessionally.
- Overall was the favorite class this semester by far!
- The standardized patient encounter was honest and I have experienced in my time at Jefferson.
- 1. I feel the lessons were clear!! Reinforced so that ultimately the pool should be fun!!

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**Students posters from College within a College:**

- **Mural painting in South Philadelphia: a means of addressing racism directed against Bhutanese and Burmese refugees, and improving health outcomes.**
- **Entire collection of posters**

**Published student paper:**

- **Journal of Diagnostic Medical Sonography**
- **Press release**

**Handouts on how to export from RefWorks into OTSeeker and OT Search:**

- **OTSeeker**
- **OT Search**
AISR Connections newsletters from fall and spring.

If you would like to have a presentation recorded for the JDC, follow these directions. If you have an interest in materials being archived in the JDC, contact Dan Kipnis.

Entire inventory added to JDC from January 1, 2013 to March 30, 2013.