NOVEL: Building a Sustainable Online Publishing and Educational Platform

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NOVEL (Neuro-Ophthalmology Virtual Education Library) is a discipline-specific, open access repository of digital materials (images, video, lectures, articles and animations), to be used for educational and research purposes by health care professionals, educators, patients, and students.

- **novel.utah.edu**
- Built in Partnership with the **North American Neuro-Ophthalmology Society**
- 2000-present
- Peer-Reviewed
- Licensed products for sustainable revenue
Three Tiers of Access

- NOVEL REPOSITORY: Open Access
- ILLUSTRATED CURRICULUM: NANOS Members Only
- LICENSED PRODUCTS: Stat!Ref Licensed Publications
Eccles Health Sciences Library (EHSL) team manages NOVEL repository in partnership with North American Neuro-Ophthalmology Society (NANOS)

- NANOS Committees coordinate with EHSL
  - NOVEL Committee works with Eccles Library team to curate the collections, provide direction
  - Curriculum Committee develops structure for NOVEL content
  - NOVEL Editorial Board reviews submissions
- Committee Members receive credit for service to their Society
- Grant sustained from 2003-2008
- Memorandum of Understanding est. 2007
- NANOS Strategic Plan Includes NOVEL

- NOVEL Committee
  - Solicit & Create Submissions
  - Serve as Section Editors

- Curriculum Committee
  - Create & Update NANOS Curriculum Outline and NExT

- Individual Submissions
  - Editorial Board Accepts or Rejects
  - Determines where submission should reside in NOVEL, IC, or NExT
Member Contributed Collections

NOVEL receives content from:
• Individual contributors (NANOS members)
  • Contribute individual items, or an entire collection
• Academic Eye Centers
• NANOS Conference Proceedings
  • Gray literature, not published anywhere else
• Society Journal Publications
  • Archived in NOVEL after one year embargo
Editorial Board

Independent from publications – Objective reviews

• 15 NANOS Members
• 148 Reviews completed –2018
• 113 new submissions accepted (76%)
• 27 accepted with Revisions (18%)
• 8 rejections (6%)

• Revisions require tracking, correspondence, time consuming
• Acceptance letters sent to authors with citation for peer-reviewed online publication
• Every Editorial Board Member must be active!
• Authors can cite a scholarly publication in a peer-reviewed online educational platform
• Incentive to contribute
Illustrated Curriculum

• 2006 Neuro-Ophthalmology Curriculum developed by NANOS Curriculum Committee


• Created consistent training guidelines for fellowship programs
• Linked learning objects from NOVEL to curriculum outline
• As a result of the Illustrated Curriculum project a Memorandum of Understanding (MOU) was established in 2007
• Consistent annual funding was awarded from NANOS to EHSL
Members-only access on NANOS web site

- Added value for NANOS members
- Enhances relationship with NANOS
- Opportunities for members to contribute/publish

- NOVEL became integral part of NANOS Curriculum development & refinement
- Library team manages outline, collects, curates, publishes materials
- The Illustrated Curriculum provided structure and vocabulary for organizing NOVEL collection
NANOS Strategic Plan Includes NOVEL:

NANOS WILL FOSTER THE DEVELOPMENT OF FUTURE NEURO-OPHTHALMOLOGISTS

a) By making the annual meeting attractive to medical students, residents, and fellows
b) By expanding/improving the neuro-ophthalmology curriculum on NOVEL (including cross referencing with NOVEL resources)
c) By increasing medical students early exposure to the field
d) NANOS will find ways to outreach to current ophthalmology and neurology
   i) This might be done via program director list servers and by informing them about the NOVEL resource.

• Sustainability through community engagement
• Society is invested in project, commitment
• NOVEL is primary educational project of NANOS
• NANOS Executive Committee requested that EHSL seek additional sustainable funding
Toward Sustainability: Published on Stat!Ref

- **What is Stat!Ref?**
  - Premiere healthcare epublisher
  - 400 titles in 50 disciplines
  - Available 90% US medical schools

- 2016 NANOS/NOVEL negotiated contract with Teton Data Systems (TDS)
- Illustrated Curriculum and Walsh & Hoyt Clinical Neuro-ophthalmology textbook combined, linked
- Licensed product in Stat!Ref
• EHSL manages the NANOS (IC) for Neuro-Ophthalmology in the Stat!Ref platform
  • Illustrated Curriculum live as of March 2017
  • Quarterly updates, new peer-reviewed objects added

• Walsh & Hoyt Textbook – access improved dramatically in the Stat!Ref platform
  • Searchable full text
  • Figures and tables can be enlarged and saved
  • Integrated into the IC

• Linking to related Oxford Press titles in Stat!Ref

Authors are NANOS Members

• Neuroimaging in Ophthalmology 2/e, 2011, Lee, Policeni, Johnson
• Neurology of Eye Movements 5/e, 2015, Leigh & Zee
• Eye Movement Disorders in Clinical Practice, 2014, Wray
• New kind of resource for Stat!Ref
  • Not a traditional ebook
  • We’re all learning as we go
• Second Product: NANOS Examination Techniques (NExT) for Neuro-ophthalmology
  • Indicates confidence in the new format from Stat!Ref
  • Broader audience, larger scope of disciplines
  • Neurology, Ophthalmology, Optometry, Physical Therapy…
• Building a neuro-ophthalmology suite of resources
• Products can be licensed by health sciences libraries, departments, medical schools, private clinics, etc
• Royalties received will help fund NOVEL projects
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Nancy Lombardo – Head of Digital Publishing, NOVEL Lead

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Thank you!
Questions?