Neuro-Ophthalmology Virtual Education Library: NOVEL
NANOS 2010

Nancy Lombardo, MLS
Spencer S. Eccles Health Sciences Library, University of Utah

Kathleen Digre, MD
Moran Eye Center, University of Utah

Larry Frohman, MD
New Jersey Medical School

http://NOVEL.utah.edu/

The Neuro-Ophthalmology Virtual Education Library

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.

Search Collections [ ] Search | Advanced Search   Send a Comment

Home
Contribute
Curriculum
Patient Portal
Rare Disease Registry
About NOVEL
Project Wiki
Related Resources
Make a Donation
Feedback

Collections

AAO/NANOS	Cogan, David G
Daroff, Robert B	Hoyt, William F
J Neuro-Ophth	Kardon, Randy
Kennerdell, John S	Loewenfeld, Irene
Moran Eye Center	NANOS Annual Meeting
NANOS Historical Collection	Newman-Toker, D
Sadun, Alfredo A	Smith, J Lawton
Walsh Sessions	Wilhelm, Helmut
Wray, Shirley H	

NOVEL URL - http://NOVEL.utah.edu

Administrative / Overview

- **NANOS Funding**
  - $20,000.00 – Rec'd 6/1/10
  - $3,400.00 – NOVEL via donations – Rec'd 7/9/10
- Collections growing
- Collection web sites - re-design continues
- Video and audio assets moved, revised
- Discussing collaboration with AAO

NOVEL Costs - Estimated Annual 2010-11	Personnel % FTE	UU EHSL	NANOS	TOTAL
Project Director, Nancy Lombardo, MLS *	0.4 .22 ehsl / .15 nanos	$17,600.00	$15,400.00	$33,000.00
Staff Cataloger *	0.5	$22,770.00		$22,770.00
Video and Graphics Technician *	0.1 .1 ehsl / 0 nanos	$6,000.00		$6,000.00
EHSL Web Programmer *	0.1	$4,240.00		$4,240.00
Student Assistant	12 hrs/wk	$2,000.00	$4,100.00	$6,100.00
Clerical staff and student assistant help	hourly	$1,600.00	$3,400.00	$5,000.00
Tech Support, Server Use and Storage from UU Office of IT **	Occasional	$500.00		$500.00
Tech Support, Server Use and Storage Support (EHSL Web server, Video server and Image Storage) **		$2,000.00		$2,000.00
CONTENTdm Database: Tech Support, Server Use and Storage **		$2,000.00		$2,000.00
Travel to NANOS, Promotional materials (Posters, Bookmarks, etc)		$2,500.00	$500.00	$3,000.00
TOTAL		**$61,210.00**	**$23,400.00**	**$84,610.00**

* Employee salary figures include required benefits; NOVEL has used and could use much more time from these staff
** Estimates based on staff salaries, license fees and hardware costs
UU EHSL = University of Utah Eccles Health Sciences Library;   NANOS - North American Neuro-Ophthalmology Society

---

Estimated NOVEL Expenses

Fiscal Year	NOVEL Expenses	Eccles Library	NANOS	NLM	Pfizer
2010-11	$84,610.00	$61,210	$23,400	$0	$0
2009-10	$90,610.00	$60,610	$30,000	$0	$0
2008-09	$150,580.00	$70,920	$0	$0	$79,660
2007-08	$74,240.00	$54,240	$20,000	$0	$0
2006-07	$88,748.00	$21,500	$0	$67,248	$0
2005-06	$147,631.00	$21,000	$0	$126,631	$0
2004-05	$153,958.00	$19,950	$0	$134,008	$0
2003-04	$154,700.00	$19,500	$0	$135,200	$0
2002-03	$46,500.00	$46,500	$0	$0	$0
2001-02	$44,000.00	$44,000	$0	$0	$0
2000-01	$36,000.00	$36,000	$0	$0	$0
TOTAL	**$1,071,577.00**	**$455,430**	**$73,400**	**$463,087**	**$79,660**

JNO Archives

- **Journal of Clinical Neuro-Ophthalmology**
  - NOW Online! - 1981 – 1993, vol 1 – 13
  - All issues scanned, OCR, indexed, uploaded
- Complete collection of JNO available
  - 1994 – 2009, vol 14 – 29 online
- New issues added quarterly (1 year embargo)
- http://NOVEL.utah.edu/jno

JOURNAL OF Clinical Neuro-ophthalmology

VOLUME 1, NUMBER 1/MARCH 1981

Contents

From the Editor — J. LAWTON SMITH, M.D. ... 1

FEATURES
Stellate Block for Trigeminal Zoster — E. RULL OLSON and H. BERRY IVY ... 55
Neuroradiological Clinical Pathological Correlations: Unilateral Sixth Nerve Paresis — ROBERT M. QUENCER ... 57

Periodic Alternating Skew Deviation — JAMES M. MITCHELL, J. LAWTON SMITH, and ROBERT M. QUENCER ... 5

Fluorescein Angiography of Optociliary Shunt Vessels — NORMA V. BOSCHETTI, J. LAWTON SMITH ... 9

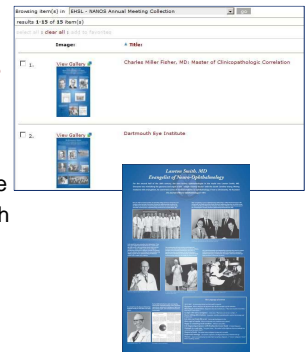Editorial: Myasthenia Gravis Acetylcholine Receptor Antibodies and

NANOS Annual Meeting

- Syllabi being indexed and added
- 2010, 2009 online
  - 310 abstracts searchable, now
- 2000 – 2008 coming soon!
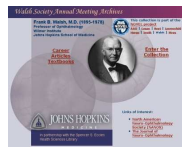 - Thanks to Stephen Mossbarger and Justin Barbour

---

NOVEL Collections

- NANOS Historical Collection – 15 objects
  - Added the Legacy Posters from NANOS 2010
  - Indexed and searchable
  - Can develop further with photographs, records, etc
  - **http://NOVEL.utah.edu/**

NOVEL Collections

- David Newman-Toker – NEW!
  - Johns Hopkins University
  - 6 Ocular motility test videos
  - 5 lectures
  - 1 animation
  - http://NOVEL.utah.edu/Newman-Toker
- Walsh Society Meetings – 1536 objects
  - Added 651 abstracts for 1969-1984, 2009
  - 2005 - 2009 - PPT, abstracts, PPT, video
  - Seeking missing year: 1976
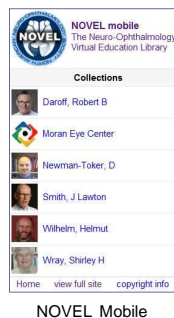 - http://NOVEL.utah.edu/Walsh

---

NOVEL Collections

- Shirley H. Wray, MD, PhD
  - Presented in China, Sept 2010
  - Completed the collection last year – 161 cases
  - 73 teaching PPT (Downloaded 2352 times in Dec 2010!)
  - Metadata updated
  - Complete case reports
  - Searching of collection
  - http://NOVEL.utah.edu/Wray

NOVEL Collections

- Mobile access to multimedia in progress!
  - http://NOVEL.utah.edu/mobile
  - Thanks to Ray Balhorn!
- Collection Improvements
  - Revised Creator/Contributor fields
    - Library of Congress Name Authority File
    - Moran Eye Center - 99 records
    - Hoyt Collection – 857 records
    - Wray Collection – 161 records

NOVEL Mobile

All Star Grand Rounds

- Web based prototype – very draft
- https://sites.google.com/site/allstargrandrounds/

NOVEL Web Site Usage

NOVEL Web	2005	2006	2007	2008*	2009	2010
Hits	1,640,958	2,072,613	1,785,154	2,357,067	2,720,000	2,454,338
Page Views	422,915	731,571	639,614	1,236,651	1,390,283	1,196,461
Visits	305,309	341,047	406,878	207,332	199,974	231,041

*Web site redesigned, changed organizational structure, impacted usage stats

---

Video Formats

- RealMedia streaming formats eliminated
- Flash and iPod formats added during 2010
- Completed conversion to "visual display"

946-1 Progressive External Ophthalmoplegia   DL DL DL large download DL

  – Thanks to Ray Balhorn!
- Move to centralized server meant loss of consistent statistical analysis
  – New stats not evaluating same data
  – No continuity, not comparable

Video Usage Statistics
2004 - 2010

Video Usage	2004	2005	2006	2007	2008	2009	2010*
Number of Clips Accessed	9,463	8,956	14,365	62,420	75,296	139,117	76,725*

2010 NOVEL Video Usage

* Video assets moved to new server in 2009. Changed clip formats. Statistical analysis completely different.

International Visits
Global Reach

LEGEND
— National boundary

154 countries have NOVEL users in 2010!

Web Usage Statistics
International 2010

154 Countries		195,808 Visits		90,807 unique visitors					
United States	167,796	Portugal	238	RS	38	Oman	7	St. Helena	2
Russian Fed	3,510	Hong Kong	231	Kuwait	37	Niue	7	Mongolia	2
Australia	2,670	Ireland	217	Ethiopia	32	Antilles, Netherlands	7	Liechtenstein	2
Canada	2,330	Finland	200	Bulgaria	32	Ecuador	7	Samoa	2
Japan	1,639	Arab Emirates, United	179	Iceland	31	Bangladesh	6	Bolivia	2
Switzerland	1,502	Poland	171	Dominican Republic	29	Bermuda	6	French Polynesia	2
Europe	1,027	Czech Republic	146	Slovenia	28	Luxembourg	5	Cayman Islands	2
Germany	908	Denmark	144	Latvia	26	Guyana	5	Panama	2
Singapore	908	Iran	129	Peru	25	Tanzania	5	Grenada	2
United Kingdom	813	Egypt	125	Lebanon	22	Nigeria	4	Honduras	1
Korea (South)	758	Norway	123	Trinidad and Tobago	21	Tunisia	4	Bhutan	1
Spain	734	Argentina	93	Myanmar	21	Azerbaijan	4	Jamaica	1
Sweden	734	Hungary	90	Guatemala	20	Tuvalu	4	Burkina Faso	1
United Kingdom	726	Indonesia	88	Sri Lanka	19	Armenia	4	PS	1
India	606	Austria	88	Estonia	17	Belarus	4	Sudan	1
Netherlands	545	Colombia	84	Bahrain	16	Macedonia	3	Congo	1
Israel	530	Ukraine	84	Antigua and Barbuda	16	Swaziland	3	Angola	1
Italy	503	Brunei Darussalam	74	Yemen	16	Bosnia and Herzegovina	3	Micronesia	1
Saudi Arabia	338	Dominica	72	Yugoslavia	14	Macau	3	Faroe Islands	1
China	325	Romania	66	Costa Rica	13	Fiji	3	Ivory Coast	1
Taiwan	308	Croatia (Hrvatska)	61	Libya	12	St. Kitts and Nevis	3	Botswana	1
France	302	Pakistan	58	Kenya	12	Paraguay	3	Gibraltar	1
South Africa	293	Jordan	58	Malta	12	Algeria	3	Eritrea	1
Brazil	286	Chile	57	Cuba	10	El Salvador	3	Guadeloupe	1
Turkey	275	Philippines	49	Venezuela	10	Zimbabwe	3	Papua New Guinea	1
Thailand	268	Ghana	44	Georgia	10	Andorra	2	Guam	1
Malaysia	263	Lithuania	42	Viet Nam	9	Zambia	2	Cameroon	1
Greece	263	Syria	40	Morocco	9	Nicaragua	2	Uganda	1
Belgium	251	Nepal	40	Cyprus	8	Barbados	2	Bahamas	1
Mexico	248	Slovak Republic	39	Uruguay	8	Mauritius	2	Madagascar	1
New Zealand	240	Puerto Rico	38	Moldova	8	GM	2		

Questions

Nancy Lombardo
Information Technology Librarian
Eccles Health Sciences Library
University of Utah
nancy.lombardo@utah.edu