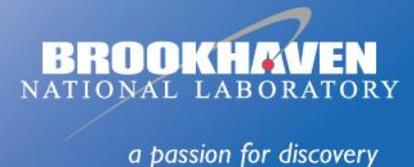


Brookhaven National Laboratory Report

A.A. Sonzogni

National Nuclear Data Center



U.S. DEPARTMENT OF
ENERGY

Office of
Science



Outline

- Staff
- Metrics
- Future Activities

Current NNDC Staff

7.0 Scientific FTEs and 3.0 Tech/Admin FTEs



#	Name	Primary duties
1	Ramon Arcilla	Servers, ENDF validation
2	David Brown	ENDF, EMPIRE
3	Michal Herman	ENDF, EMPIRE
4	Tim Johnson	Web, ENSDF
5	Letty Krejci	Secretary
6	Libby McCutchan	ENSDF, XUNDL, NDS, Experiments
7	Gustavo Nobre	ENDF, EMPIRE
8	Boris Pritychenko	NSR, EXFOR
9	Alejandro Sonzogni	ENSDF, Web
10	Joan Totans	Library, NSR
	Norman Holden (retired)	Abundances, IUPACC
	Said Mughabghab (retired)	Neutron Resonances



Personnel Changes

- Gustavo Nobre transitioned from postdoc to staff member in October 2015, replacing Sam Hoblit, who passed away in March 2015.
- Libby McCutchan became XUNDL manager on October 3, 2015.
- Libby McCutchan became ENSDF manager and Nuclear Data Sheets editor on April 30, 2016.
- Alejandro Sonzogni became NNDC head and Mike Herman NNDC deputy head on September 1st 2016.
- Jagdish Tuli retired on October 21st 2016.
- Gulhan Gurdal under contract, 0.1 FTE for XUNDL work during FY 16.
- Charlie Dunford, former NNDC head (1991-2001), who retired in 2005, passed away in April 26 2016.

NNDC Staff in the Summer of FY16



NNDC contractors during FY16



Name	Current/Former Affiliation	Activity
Eddy Brown	LBNL	ENSDF
Ninel Nica	Texas A&M	ENSDF
Balraj Singh	McMaster	ENSDF, XUNDL, NSR
Gulhan Gurdal (only in FY16)	Millsaps College	XUNDL
Emil Betak	Bratislava	NSR
Stanislav Hlavac	Bratislava	EXFOR
Otto Schwerer	IAEA	EXFOR
Pavel Oblozinsky	Bratislava	NDS

NNDC contractors during FY17



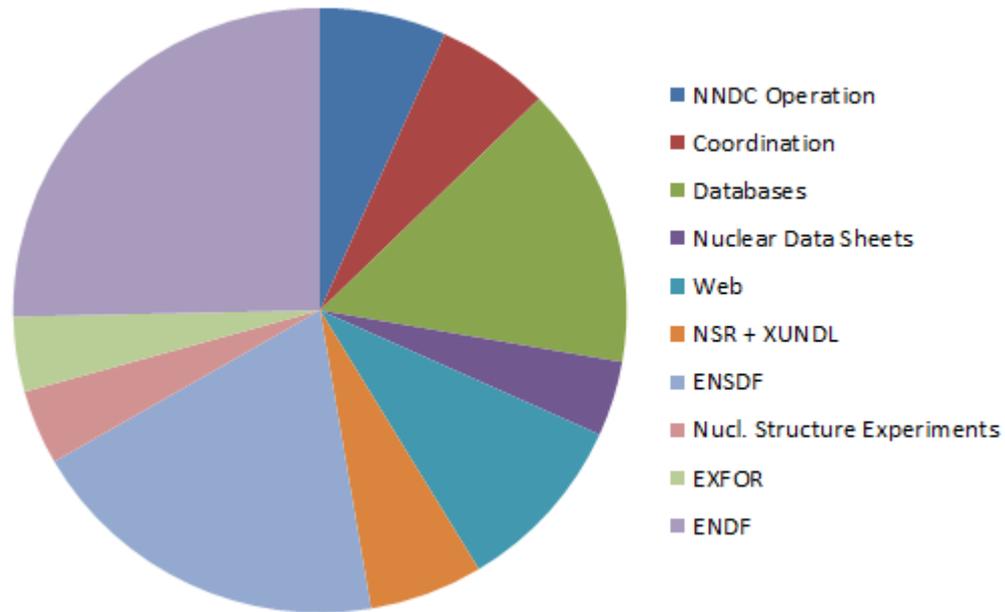
Name	Current/Former Affiliation	Activity
Balraj Singh	McMaster	ENSDF, XUNDL, NSR
Emil Betak	Bratislava	NSR
Stanislav Hlavac	Bratislava	EXFOR
Otto Schwerer	IAEA	EXFOR
Pavel Oblozinsky	Bratislava	NDS

Working on contracts for Chris Chiara and Shelley Leshner to work in XUNDL/ENSDF

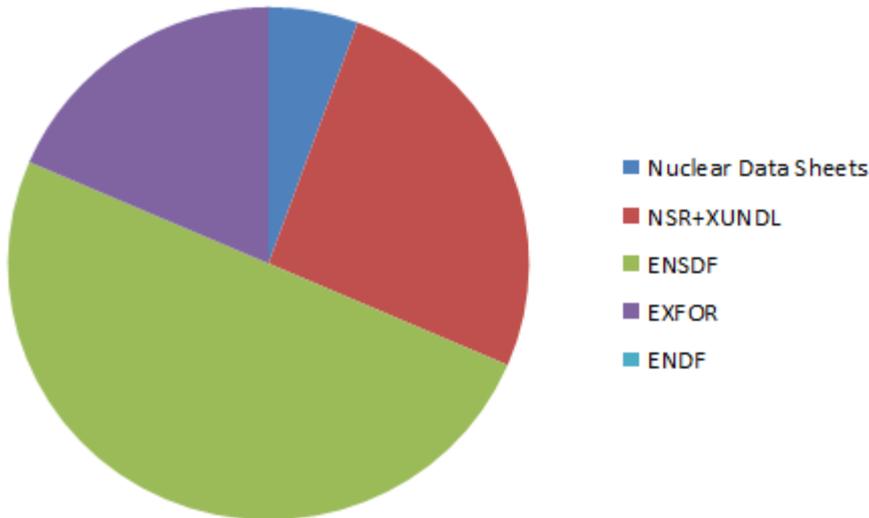
NNDC FY16 FTE Distribution



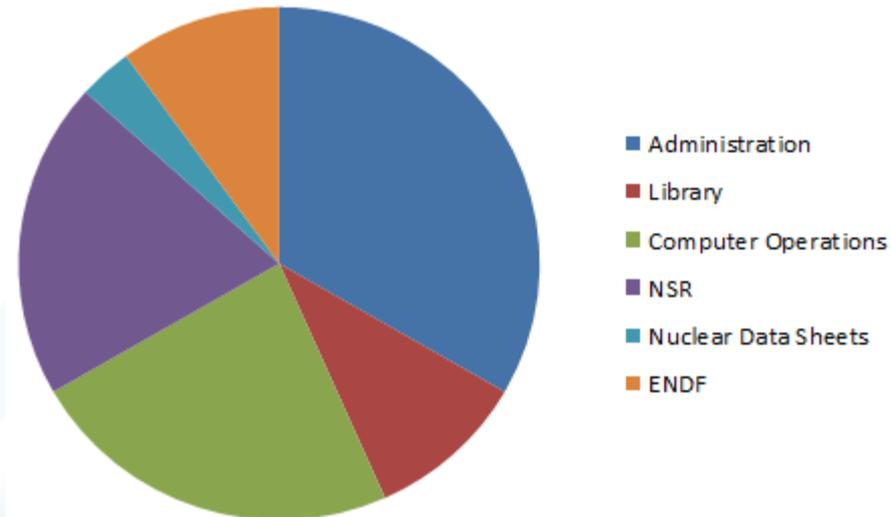
8.0 PhD staff



2.0 PhD contracts



3.0 Tech/Admin



Evaluation, Compilation & Dissemination Metrics



FY	# ENSDF Nuclides	# XUNDL compilations	NSR Compilations	Disseminations
2015	214	285	4,215	3.972×10^6
2016	136.5	323	3,263	4.364×10^6

Additional Projects:

- Beta-delayed neutron emitters CRP (Johnson, McCutchan, Sonzogni).
- Incorporate TAGS data in the beta intensities of the ENDF/B-VIII.0 decay data sub-library (Johnson, McCutchan, Sonzogni).
- Highly-precise decay measurements (McCutchan).
- B(E2) evaluations (Prytichenko).

- In the Summer of 2014, USNDP had its first DoE review since the 1990s.
- The review was positive and as a result, the Nuclear Data Advisory Committee (NDAC) was formed.
- NDAC met in November 2015 and 2016. We will be writing a USNDP white paper as a recommendation.

Future Activities

- Explore ways to increase number of ENSDF evaluations, as total number of evaluated nuclides is too small.
- Increase NuDat interactive capabilities.
- Codes! Top priority at the NNDC.
- ENSDF Policies, guidelines, manual, article.
- Extensions to ENSDF format.
- Next USNDP structure meeting is planned for October 31-November 1st (Tuesday-Wednesday), followed by NDAC meeting 11/2-3 (Thursday-Friday).
- CSEWG will follow on 11/6-11/9.

Calendar

November						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		31 USNDP	1	2 NDAC	3	4
5	6	7 CSEWG	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

USNDP: 10/31-11/1

NDAC: 11/2-11/3

CSEWG: 11/6-11/9

ANS meeting, 10/30-11/3, BNL is closed on 11/10

Anniversaries



CSEWG (1966).

NNCSC: National Neutron Cross Section Center (1967), from the Sigma center and the Cross Section Evaluation Center.

NNDC, from NNCSC (1977).