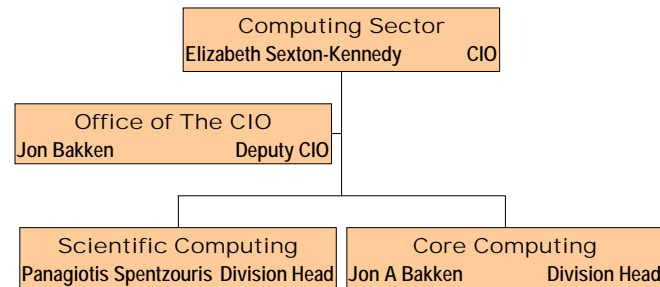


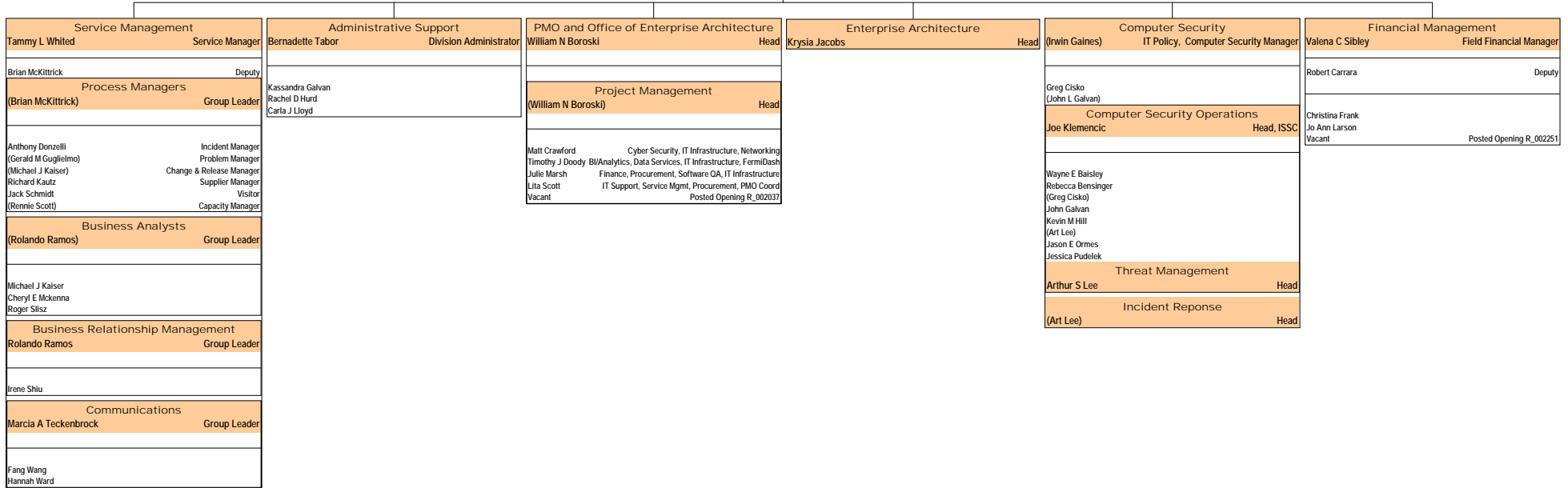
Computing Sector Organization Chart



Signed Rob Roser Date April 1, 2018
Signed Jon Bakken Date April 1, 2018
Signed Panagiotis Spentzouris Date April 1, 2018



Office of The CIO	
Jon Bakken	Deputy CIO
Irwin Gaines (Adam B Walters) (Jonathan Ylinen)	CISO, ISSM Data Center Manager Safety Office



Scientific Computing	
Panagiotis Spentzouris	Division Head
(Lothar Bauerdick)	U.S. CMS Operations
Stuart Fuess	Deputy
(Aron Soha)	U.S. CMS Resource Manager
Vacant	Posted Opening R_002020
Coordination of Technical Activities	
(Mine Altunay)	Cyber Security
Kenneth Bloom	US CMS Operations
(Oliver Gutsche)	US CMS Operations
(Burt Holzman)	Assistant Head/Facilities
(Jim Kowalkowski)	Assistant Head/R&D and Architecture
(Tanya Levshina)	Assistant Head/Science Workflows and Operations



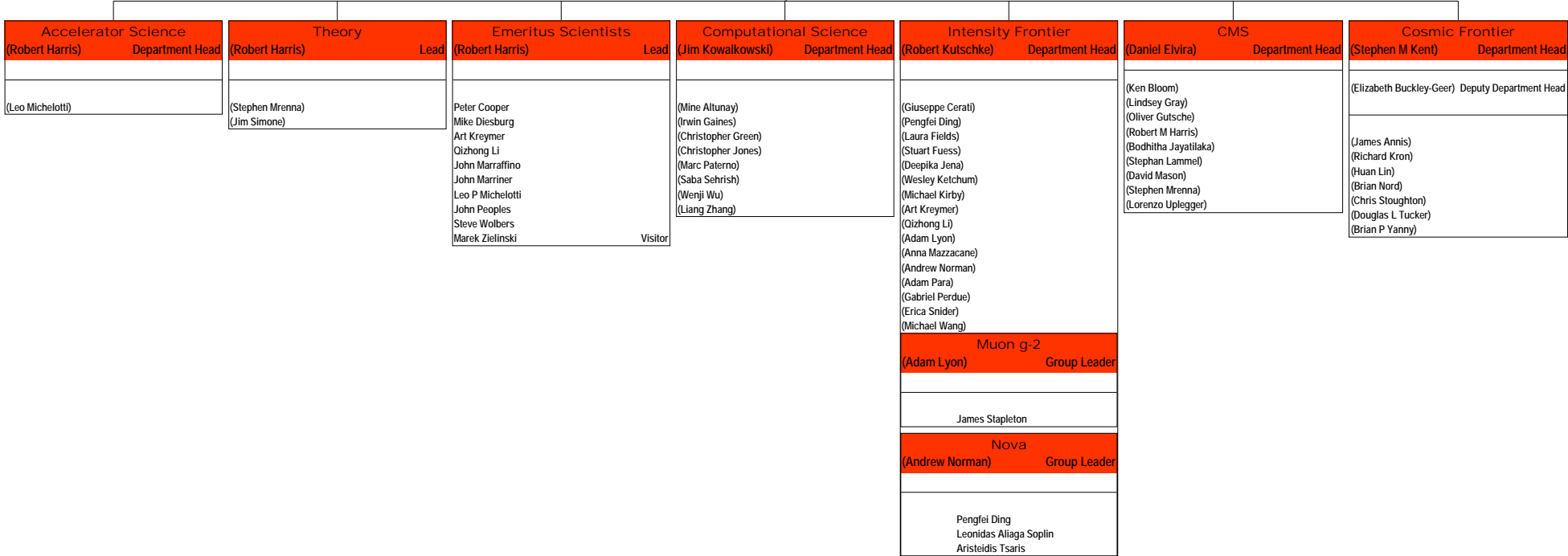
Systems for Scientific Applications	
Adam Lyon	Associate Head
(Elizabeth Buckley-Geer)	Deputy Quadrant Head for DAQ
Jim Kowalkowski	Deputy Quadrant Head for R&D

Scientific Computing Simulation	
Daniel Elvira	Department Head
(Sunanda Banerjee)	CMS Contractor
Physics and Detector Simulation	
Krzysztof Genser	Group Leader
(Philippe G Canal)	
Laura Fields	
Robert W Hatcher	
Deepika Jena	
Soon Y. Jun	
Guilherme Lima	
Stephen Mrenna	
Adam Para	
(Gabriel Perdue)	
Hans-Joachim Wenzel	
Julia Yarba	
Machine Learning	
Gabriel Perdue	Group Leader
Brian Nord	
Vacant	Posted Opening R_002064
Accelerator Simulation	
Eric G Stern	Group Leader
(James Admundson)	
Qiming Lu	
Alexandru Macridin	
Timofey Zolkin	

Real-Time Systems Engineering	
Elizabeth Buckley-Geer	Department Head
Alan Prosser	Deputy Department Head
DAQ Controls And Detectors	
Kurt Biery	
Gustavo I Cancelo	Group Leader
Chris Stoughton	
Kenneth R Treptow	
Neal G Wilcer	
Ted J Zmuda	
Real-Time Software Infrastructure	
Ronald D Rechenmacher	Group Leader
(Kurt Biery)	
Eric Flumerfelt	
John Freeman	
Wesley Ketchum	
Gennadiy A Lukhanin	
Detector Electronics	
Ryan A Rivera	Group Leader
(Lorenzo Uplegger) Assistant Group Leader	
John Chramowicz	
Gregory A Deuerling	
Lindsey Gray	
Richard K Kwarciany	
(Alan Prosser)	
Physics Research Equipment	
Lorenzo Uplegger	Group Leader
Matthew Cowans	
Jason Greskoviak	
(Alan Prosser)	

Scientific Software Infrastructure	
James Amundson	Department Head
Stephen Kent	Deputy
Eileen F Berman	
Katherine Lato	Tech Writer
Vacant	Posted Opening R_002020
Framework and Software Technology	
Christopher Jones	Group Leader
David Dagenhart	
Patrick E Gartung	
(Chris Green)	
Kyle Knoepfel	
Paul S Russo	
Reconstruction	
Rob Kutschke	Group Leader
Giuseppe Cerati	
(Gianluca Petrillo)	
Erica Snider	
Vacant	Posted Opening R_002042
Vacant	Posted Opening R_002150
Vacant	Posted Opening R_002024
Michael Wang	
Tools and Advanced Computing	
Marc F Paterno	Group Leader
James Annis	
Philippe G Canal	
Chris Green	
Eric Neilsen Jr.	
Huan Lin	
(Qiming Lu)	
Gianluca Petrillo	
Saba Sehrish	

Scientific Programs
Robert Harris Associate Head



Scientific Computing Services	
Margaret Votava	Associate Head
Oliver Gutsche Andrew Norman	Deputy

Scientific Computing Information Security	
Mine Altunay	Group Leader
Dave Dykstra Jeny Teheran Vacant	Posted Opening R_002139

Scientific Distributed Computing Solutions	
Tanya Levshina	Department Head
Michael H Kirby	Associate Deputy Head
Workflow Management and Provisioning	
Parag A Mhashilkar	Group Leader
Eric W Vaandering Assistant Group Leader	
Dennis D Box Dirk Hufnagel Marco Mambelli Lorena Paradavila Seangchan Ryu	
User Support for Distributed Computing	
Joe Boyd	Group Leader
Shreyas Bhat Bruno Coimbra Vito Di Benedetto Lynn A Garren Ken Herner Nikolay P Kuropatkin Kevin Retzke	

Scientific Data Processing Solutions	
Brian P Yanny	Department Head
Scientific Data Management	
Robert A Illingworth	Group Leader
Igor V Mandrichenko Anna Mazzacane Marc W Mengel Natalia Ratnikova Brandon White	
Scientific Database Applications	
Stephen White	Group Leader
Yuyi Guo Vladimir Podstavkov Douglas L Tucker Margherita Vittone Wiersma	
Workflow Operations for Distributed Computing	
Stephan Lammel	Group Leader
Maria Acosta Jen Adelman-Mccarthy Pradeep Jasal Shazad Muzaffar Ianna Osborne Juan Vinchira Salazar	
Visitor VS Coordinator Visitor Contractor Contractor Visitor	

Scientific Computing Facilities	
(Stuart C Fuess)	Associate Head
Burt Holzman	Deputy
Amitoj Singh	Deputy
David Mason	U.S. CMS Tier-1 Facility Manager

High Performance Parallel Computing Facilities	
James N Simone	Department Head
(Amitoj G Singh)	Deputy Department Head
Gerard Bernabeu (Alex Kulyavtsev) Kenneth A Schumacher Alexei Strelchenko Rick Van Conant	

Data Movement And Storage	
Gene A Oleynik	Department Head
Bo Jayatilaka	Deputy Department Head
Data Movement Development	
Alexander Moibenko	Group Leader
Dmitry O Litvintsev Assistant Group Leader	
Alex Kulyavtsev Albert L Rossi	
Storage Services Administration (Bo Jayatilaka)	
Group Leader	
John S Hendry Assistant Group Leader	
Chih-Hao Huang Terrance M Jones Tim Messer Daniel Szkola George Szmuksta Yujun Wu	

Experiment Computing Facilities	
Glenn Cooper	Department Head
David Fagan	Deputy Department Head
Rennie S Scott	Assistant Department Head
Scientific Linux & Architecture Management	
Bonnie King	Group Leader
Farhan Ahmed Scott Reid Patrick W Riehecky	
Scientific Server Infrastructure	
Edward A Simmonds	Group Leader
Chris Bonnaud Etta Burns Seth T Graham Mark R Schmitz Timothy Skirvin Richard R Thompson	
Grid and Cloud Operations	
Anthony R Tiradani	Group Leader
Krista Larson Assistant Group Leader	
Merina Albert Farrukh Khan Hyun Woo Kim Nicholas Peregonow Steve Timm	

Core Computing	
Jon A Bakken	Division Head
Mark O Kaletka (Gerald M Guglielmo)	Deputy Head Associate Head

Business Infrastructure	
James M Fromm	Department Head
Enterprise Applications Operations	
Udaya Manikonda	Department Head
Network and Communication Services	
Ramon C Pasetes	Department Head
Facility Operations	
Adam B Walters	Department Head

Service Operations Support	
Gerald M Guglielmo	Department Head
Information Resources	
Heath O'Connell	Department Head
Enterprise Services Operations	
Michael Rosier	Department Head

Business Infrastructure

James M Fromm

Department Head

Business Infrastructure Applications
(James M Fromm) Group Leader

Sudha Balakrishnan

Lauri Loebel Carpenter

Pawel Grawender

Norman C Ho

Randy Reitz

Ted Schmidt

Felix Sotres

Michael W Zalokar

Service Operations Support
Gerald M Guglielmo Department Head

NTT Data Managed Services
Darnell Green Program Manager

Desktop Engineering
Quinton C Healy Group Leader

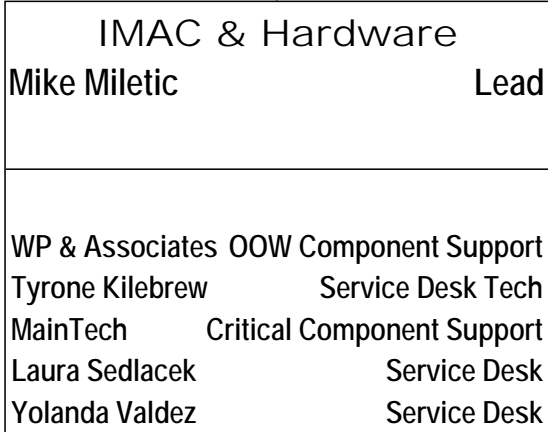
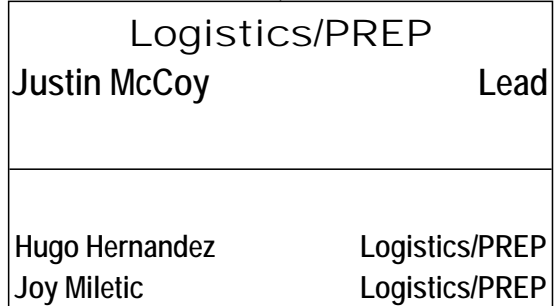
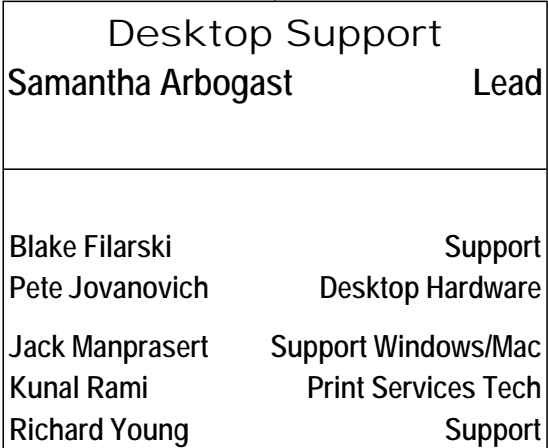
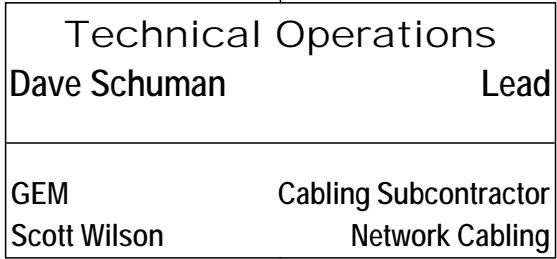
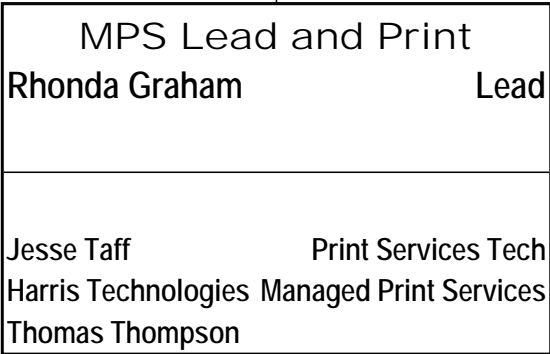
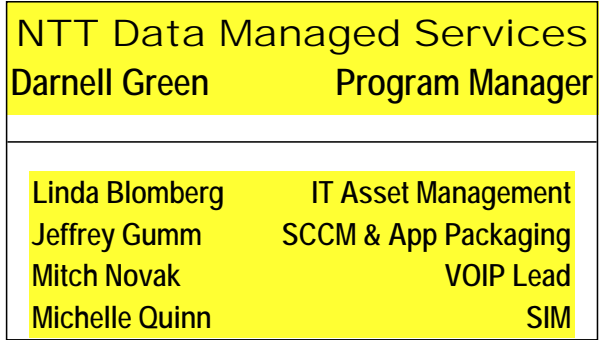
Geoffrey Cluts
Rich Eckert
Christopher Sheppard
Kirk T Skaar

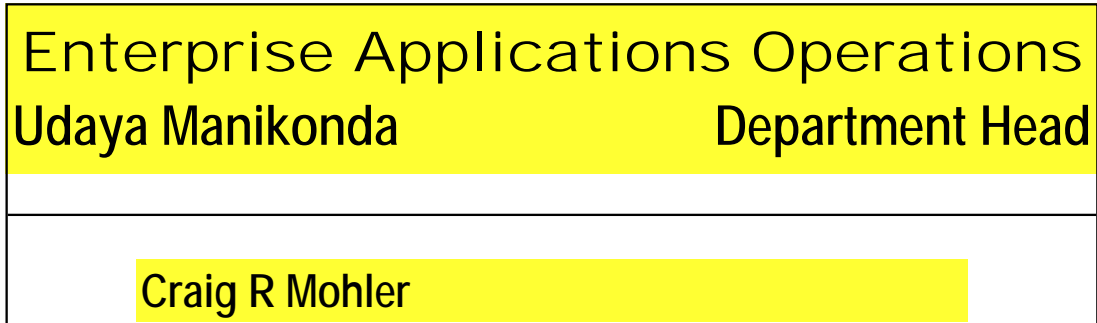
Enterprise Engineering Applications
Tony W Metz Group Leader

David Lowell
Tom Porter

Authentication Services
Olga Terlyga Group Leader

Brittany Bossarte
Thomas R Bozonelos
Kevin J Conway
Saul Gonzalez
Al Lillianstrom
Vacant Posted Opening R_001882





Enterprise Applications Operations
Udaya Manikonda Department Head

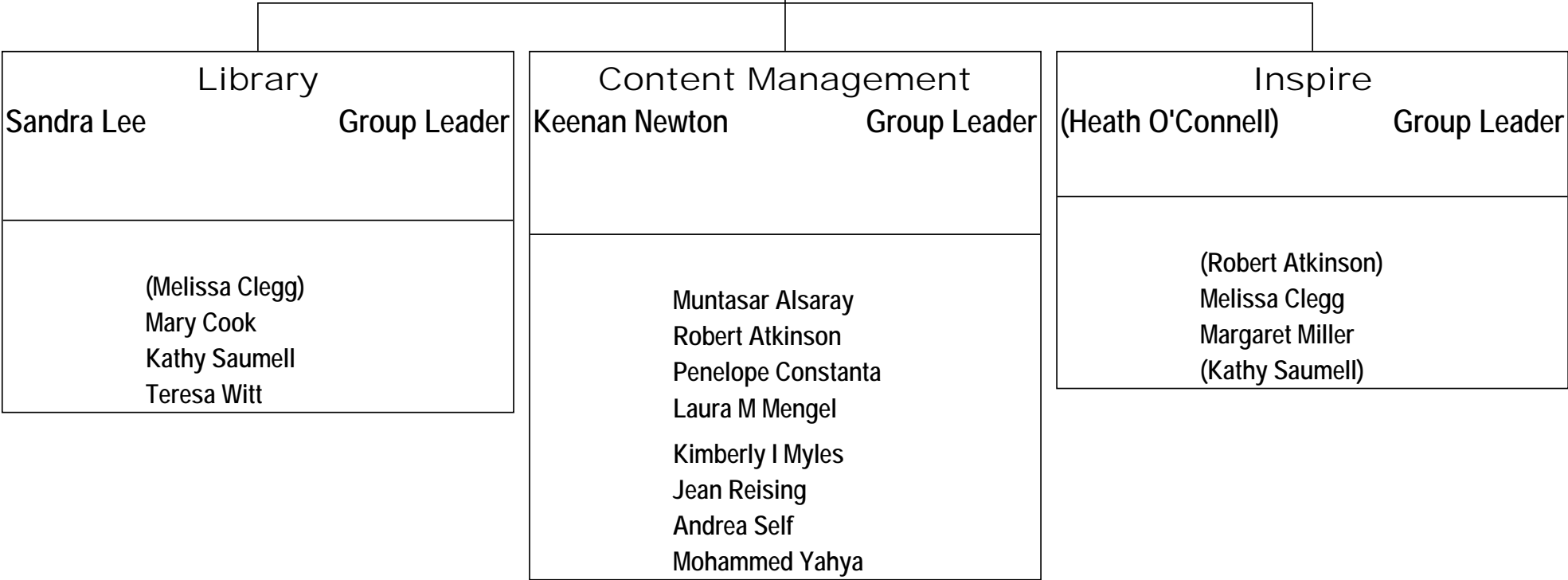
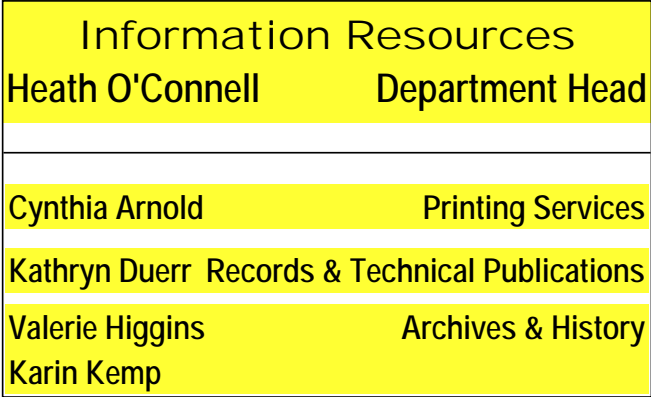
Craig R Mohler

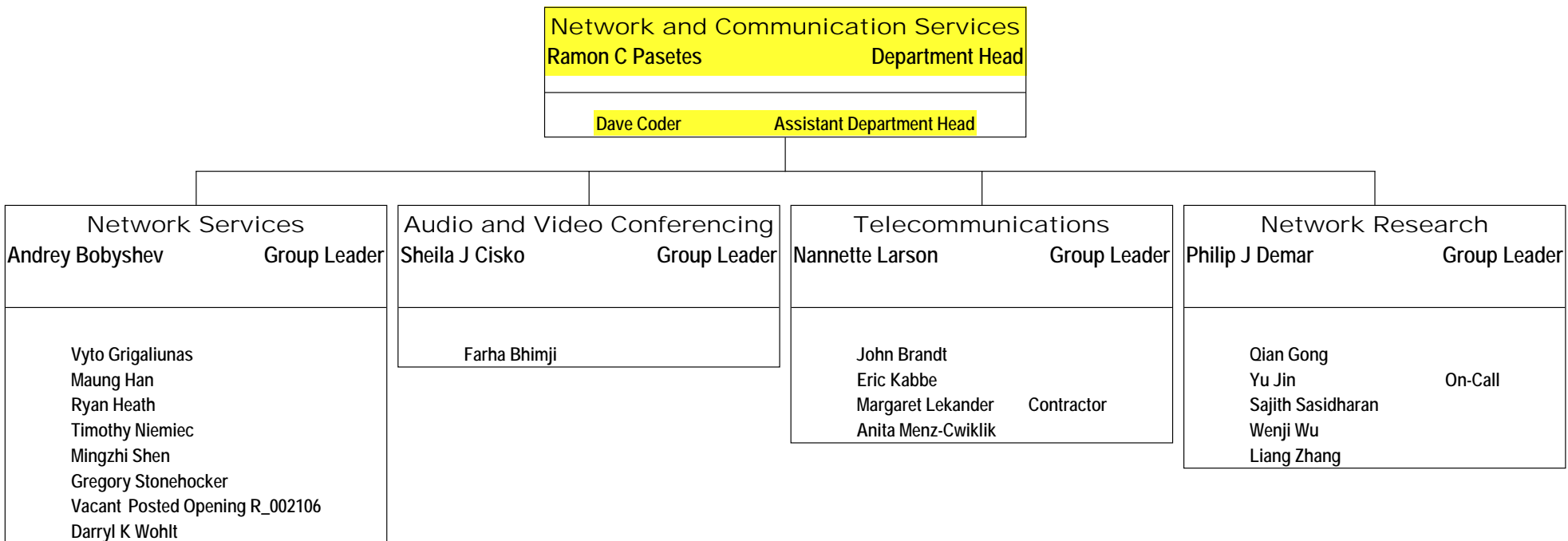
Finance Applications
Venumadhav Bijumalla Group Leader

Business Applications
Edith G Brown Group Leader

(Matthew Arena)
Kris Brandt
Datta Dave
Alaukik A Dhimar
Wei Gao
Sriram Sankaranarayanan
Eugene Wabomnor

Matthew Arena
(Kris Brandt)
Patricia Cameron
Robert Putyra
Madhuri Saridey Contractor/ESH&Q
Carol Shay





Network and Communication Services
Ramon C Pasetes Department Head

Dave Coder Assistant Department Head

Network Services
Andrey Bobyshev Group Leader

Vyto Grigaliunas
Maung Han
Ryan Heath
Timothy Niemiec
Mingzhi Shen
Gregory Stonehocker
Vacant Posted Opening R_002106
Darryl K Wohlt

Audio and Video Conferencing
Sheila J Cisco Group Leader

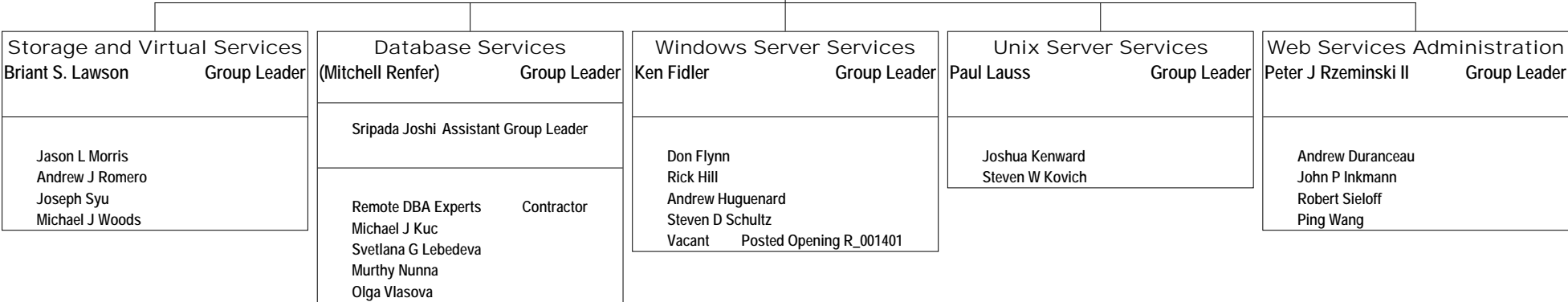
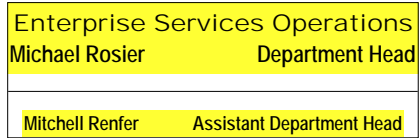
Farha Bhimji

Telecommunications
Nannette Larson Group Leader

John Brandt
Eric Kabbe
Margaret Lekander Contractor
Anita Menz-Cwiklik

Network Research
Philip J Demar Group Leader

Qian Gong
Yu Jin On-Call
Sajith Sasidharan
Wenji Wu
Liang Zhang



Facility Operations

Adam B Walters Department Head

Timothy J Kasza Assistant Department Head
Mark S Thomas Building Manager
Scott Neill

Facilities Support Services
(Timothy J Kasza) Group Leader

William A Barker
Keith L Coiley