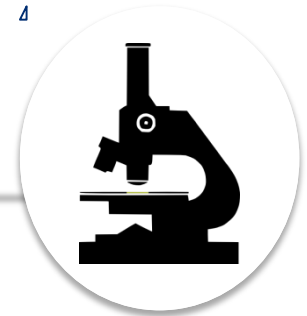


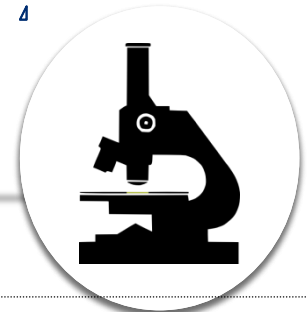
## Department's Mission, Role, Scope of Practice:

- To make regional, national and international contributions to basic and applied biomedical research
- Participate and contribute in areas of Never Settle Program in medicine (neuroscience, population medicine, health disparities and precision medicine)
- To provide medical students, graduate students, residents and fellows with the knowledge and skills in pathology and laboratory medicine essential to the practice of medicine and to impart to them a spirit and desire for life-long independent learning and scholarship
- Provide accurate timely diagnosis
- To continue to be in the forefront of education and patient care through telepathology and outreach programs

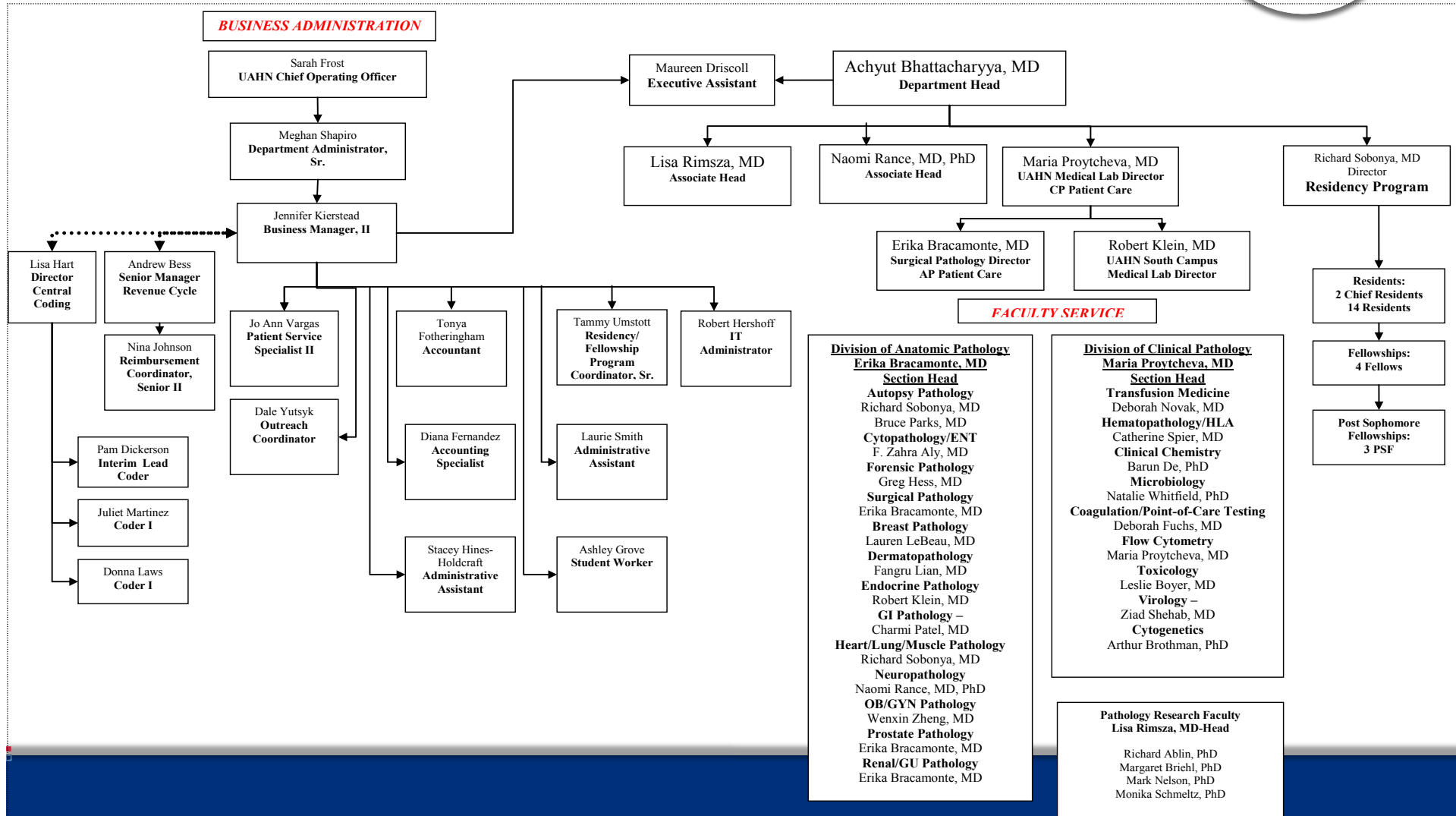


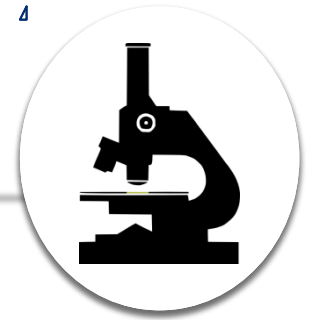
## Historical Perspective of Departmental Contribution:

1. Dr. Lisa Rimsza's National and International recognition and leadership in lymphoma/leukemia molecular profiling. Arizona Lymphoid Biorepository provides resource to local, national and international research.
2. Active research and publications in telepathology with leadership from Dr. Ronald Weinstein
3. Dr. Naomi Rance's expertise in neuroendocrine research in post-menopausal women
4. Translational toxicology research under Dr. Leslie Boyer and the VIPER Institute
5. Colon Cancer Prevention Program and G.I. SPORE in last 20 years
6. Subspeciality practice of clinical pathology
7. Successful teaching of medical students (14 out of 19 years as the course of the year)



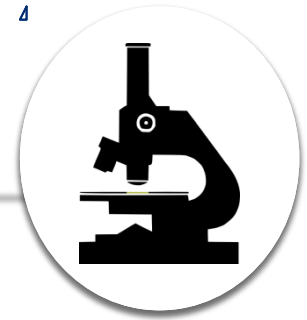
# Organizational Chart





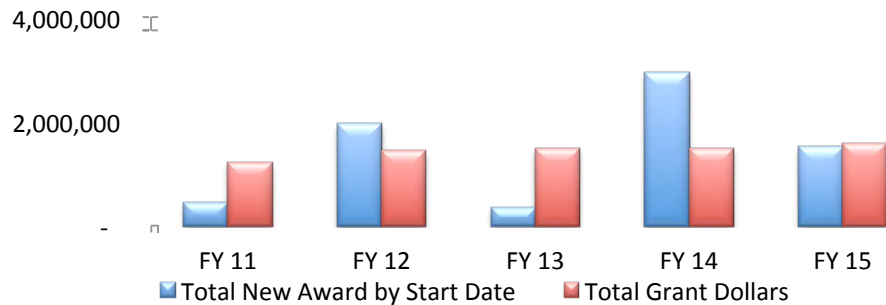
## University of Arizona Department of Pathology

- FY 14 RVUs – 64,005.07
- FY 15 Budgeted RVUs – 68,463.00
- Total Clinical Faculty – 29, 20.69 FTE
- Total Research Faculty – 6, 3.29 FTE
- Total Research and Administrative Staff – 17, 14.275 FTE
- Total Clinical Staff – 219.20 FTE
- Total Student Workers – 9, 2.85 FTE
- Total Residents - 16
- Total Post Sophomore Fellows - 1
- Total Fellows – 3



# Department of Pathology Revenue

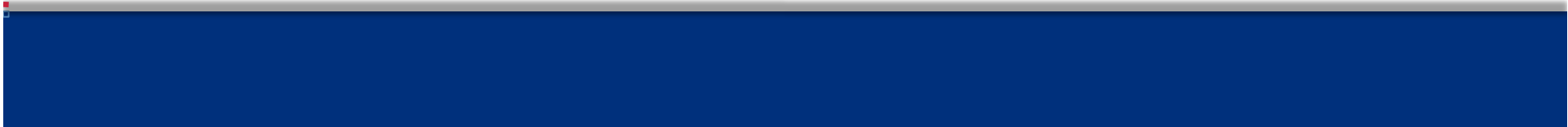
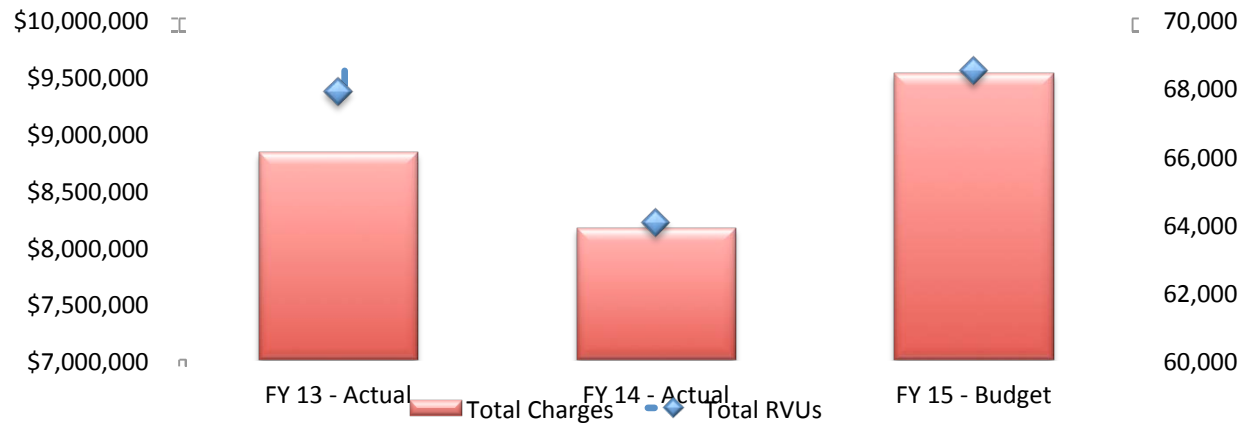
### Department of Pathology Grant Funding

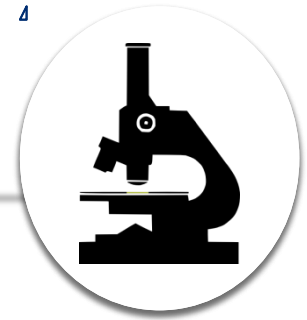


### Endowment Dollars -

- Senner Precision Health Endowment: \$250,000, matched by Dr. Garcia
- Biorepository - TBD

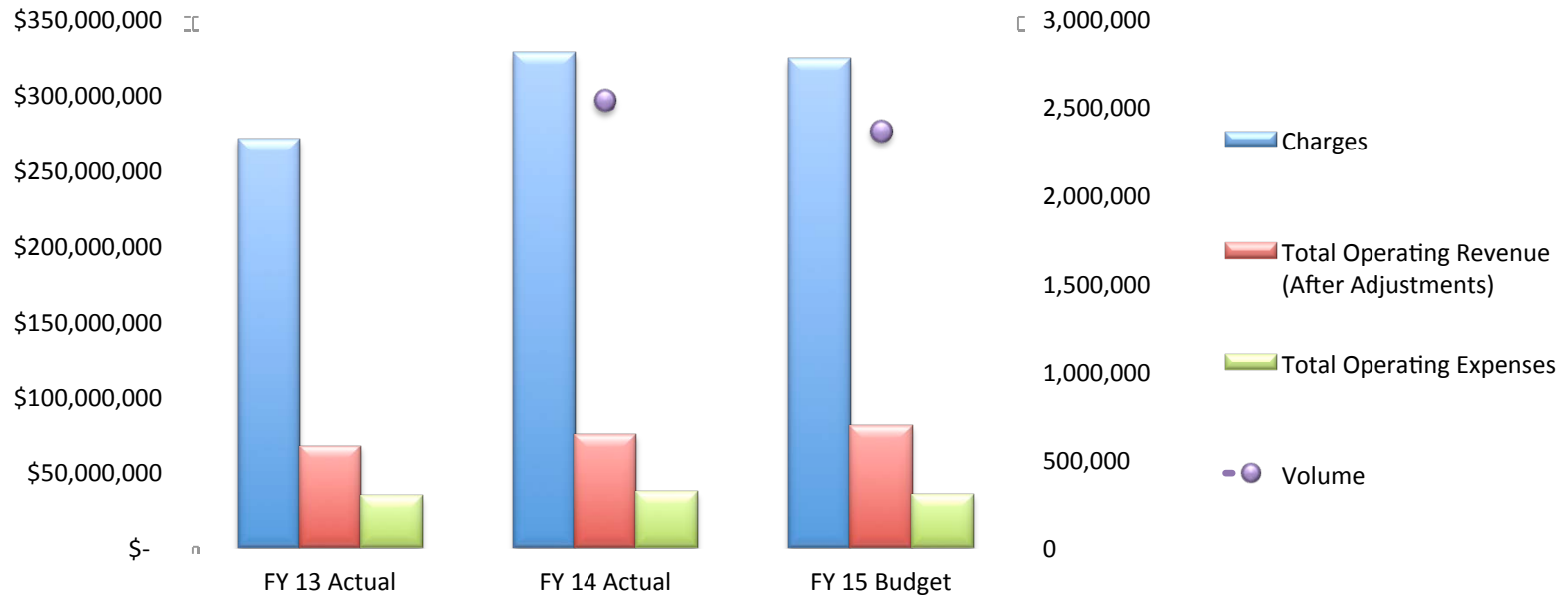
### Department of Pathology Professional Charges and wRVUS



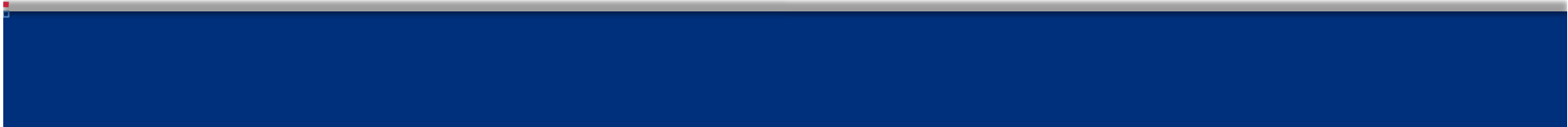


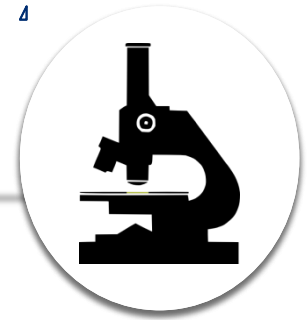
# UAMC Clinical Laboratories

## Pathology Clinical Laboratories



- Clinical Staff FTEs – 219.20
- Accreditations – CAP, AABB, FACT, CLIA, ASHI, FDA





## Honors/Awards

Barun De, PhD, DABCC, FACB

- 4/2013 - Paul R. Finley, MD Lectureship, Department of Pathology, University of Arizona, Tucson, AZ. Topic: New Era of Genomic Medicine
- 1/2014 - Best presenter, Diagnostic Session: HIV SCIENCE; 2nd International Conference of HIV and Infectious Diseases, January 2014, Chennai, India
- 2012 - Clinical Chemist Recognition Award, 2012; American Association of Clinical Chemistry
- 2011 to present - Member, Board of Directors; American Board of Clinical Chemistry

Deborah Fuchs, MD

- 2009 - Dean's List for Excellence in Teaching, College of Medicine, University of Arizona, Tucson, AZ
- 2010 - Inducted into the Academy of Medical Education Scholars (AMES)
- 2010 - Year II - Outstanding Teaching in a Block, Advanced Topics
- 2011 - Lifetime Teaching Award, College of Medicine, University of Arizona, Tucson, AZ

Erika Bracamonte, MD

- 2009, 2010, 2011 - Dean's List for Excellence in Teaching, College of Medicine, University of Arizona, Tucson, AZ

Wenxin Zheng, MD

- 2013 - Dean's List for Excellence in Teaching, College of Medicine, University of Arizona, Tucson, AZ

Maria Proytcheva, MD

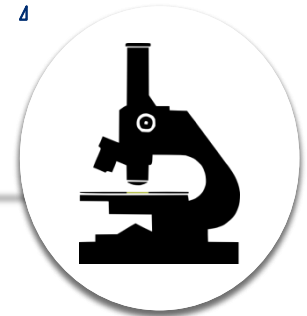
- 2012 - Board Member, International Society for Laboratory Hematology
- 2011 - Vice Chair, International Council for Standardization in Hematology
- 2014 - Co-Chair of the Scientific Program of the International Society for Laboratory Hematology annual meeting, The Hague 2014
- 2014 - Guest Editor of the Pediatric Hematopathology issue of Journal of Hematopathology to be published 2015
- 2014 - Guest Editor of the International Journal of Laboratory Hematology, Annual Meeting Proceedings, Chicago, IL 2015
- Invited lectures:
  - 09/19/2013 - Pediatric hematopathology, 2013 Annual Meeting of ASCP, Chicago, IL
  - 5/10/2013 - *Peripheral blood film review and interpretation by medical staff*. 2013 Annual Meeting of the ISLH, Toronto, Canada
  - 05/09/2013 - Bone marrow evaluation for pediatric patients, 2013 Annual Meeting of the ISLH, Toronto, Canada
  - 11/9/2012 - *Laboratory Hematology Standards: Contributions from the International Council for Laboratory Hematology*. Best of ISLH, Rio de Janeiro, Brazil
  - 08/11/2011 - *Minimal residual disease in childhood lymphoblastic leukemia*. Department of Pathology, University of Arizona, Tucson, AZ
  - 05/07/2011 - *Challenges in pediatric bone marrow pathology*. International Society for Laboratory Hematology, New Orleans, May 6-8, 2011.
  - 03/04/2011 - *Minimal residual disease in childhood acute lymphoblastic leukemia*. Research Conference of the Department of Laboratory Medicine, Yale University School of Medicine, New Haven, CT.

Mark Nelson, PhD

- 2009 to 2012 - Chair, Subcommittee F, Manpower and Training, NIH/NCI
- 2013 to 2014 - Chair, Melanoma and Skin Cancer, Department of Defense

Bruce Parks, MD

- 2013 - Pathology Faculty Teaching Award from Residents and Post-sophomore fellows
- 2011 - Community Service Award, Pima County Sheriff's Department



## Honors/Awards

Eric Peters, MD - 2012 Hemmy from the AZ Public Health Association in the Professional/Professional Development Category for CME video "Documenting the Cause of Death: Why Bother?"

Lisa Rimsza, MD

2011 - Lymphoma Research Foundation, Featured Investigator

2014 - Sidney Salmon Distinguished Investigator Award, University of Arizona Cancer Center

National Cancer Institute Lymphoma Executive Steering Committee

2014 to present - Chair, Biomarker Committee

2014 to present - Program Leader of Tissue Acquisition and Molecular Shared Services, Cancer Center Support Grant

6/2013 to present - Dean's Research Council, College of Medicine, University of Arizona, Tucson, AZ

12/2013 to 4/2014 - AHSC Precision Health Advisory Council, University of Arizona, Tucson, AZ

Arthur Brothman, PhD, FACMG

4/2009 - Invited Visiting Professor, Comparative Genomics Group, Australian National University, Canberra, ACT, Australia

8/2013 - Chair, session on Cancer Cytogenomics, CCMC/CAGdb meeting, Chicago, IL

1996 to 2002, 2008 to 2012 - Member, ACMG/College of Am. Pathology Cytogenetics Resource Committee

2005-2010 - Elected to the Board of Directors, American Cytogenetic Conference

2010 to present - Member, Scientific Advisory Board, KromaTID

2009 to present - Chair, Scientific Advisory Board, Empire Genomics

2012 - Elected as an Emeritus Professor, University of Utah

2013 - Elected as an Emeritus member, American Association of Cancer Research

Margaret Briehl, PhD - 2012 to present - Vice President, Society for Free Radical Biology and Medicine

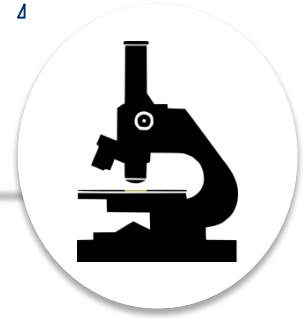
Deborah Novak, MD

8/2013 - Paul R. Finley, MD Lectureship, Department of Pathology, University of Arizona, Tucson, AZ

2014 - College of Medicine Pathology Resident's Appreciation Award, 2013-2014, University of Arizona, Tucson, AZ

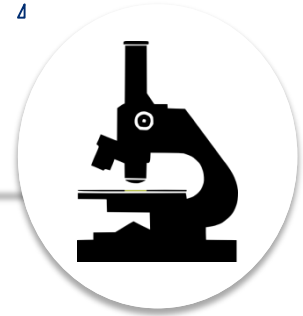
2014 - Certificate of Appreciation, Department of Emergency Medicine and the Arizona Emergency Medicine Research Center for facilitation of Alan D. Williams, MD, work





## Outcome Indicators:

- 2013 NIH ranking was 82<sup>nd</sup>. With current achievements of grants from Drs. Rance, Rimsza, and Schmelz we expect to move near 70<sup>th</sup> ranking.
- Students evaluation of departments performance is more than satisfactory or outstanding. Combined score is 4.05 in a scale of 1-5.
- Residents passing boards is satisfactory. AP/CP combined at 90%
- Successful career transition of residents and fellows. 10 in private practice and 8 in academic pathology in last 5 years.
- Successful budget management over last 25 years. Last year the clinical laboratory was budgeted for \$25M in positive margin. The year ended better (\$29M in net).



## Future Directions:

1. Continue with current programs and grow from it
2. Expand on institutional initiatives on Never Settle Programs
3. Improve NIH ranking (below 50<sup>th</sup>) in next 3 years
4. Develop the Genomic Diagnostic Laboratory in partnership with Bio5
5. Organize the biorepository and effectively contribute to the current CTSA application
6. With prospective Banner integration:
  - a. Expand our subspecialty practice in Phoenix and in rural Arizona. Telepathology and outreach experience will be key to future developments
  - b. Restart the Medical Technology Educational Program
7. Expand G.I. clinical services and research
8. Participate with the initiatives of the new Director of AZCC and the Chairs of Departments of Surgery and Medicine