

CURRICULUM VITAE (April 2022)

NAME: Anthony James Macdonald Gill AM
EMAIL: affgill@med.usyd.edu.au
DATE OF BIRTH: 15 August 1972
EDUCATION DETAILS:
Secondary Education: The Shore School, North Sydney
Prefect, Dux 1990, TER 99.95
The Australian Students Prize 1990
Tertiary/Postgraduate: The University of Sydney
Bachelor of Medicine & Bachelor of Surgery
First Class Honours, 1996
FRCPA 2005
FFsc FRCPA 2011
Doctor of Medicine (University of Sydney) 2011
RCPA scope of practice recognition for module 1 molecular pathology 2020

Queens Birthday Honours 2018:

- **Appointed Member of the Order of Australia (AM)**

“for significant service to medical research in the field of surgical pathology as an academic, author; adviser, and mentor”

Awards and Prizes:

- 1994** The Graham Coupland Prize
(first in the university in the faculty of medicine)
Fagan Memorial Prize for Surgery
NCS Medicine Prize for Medicine
- 1995** The Dept of Health Scholarship
Medical Board Prize
The Campbell Kordick Memorial Prize
- 1996** The Harry J Clayton Memorial Prize
 - first in university in Medicine and Clinical MedicineThe Hinder Memorial Prize
 - first in university in Surgery and Clinical SurgeryThe Robert Scot Skirving Memorial Prize
 - first in the university in Medicine and SurgeryThe Royal North Shore Hospital Medal
- 2010** Innovative teaching award RNSH
- 2011** The Benjamin Castleman Award
Awarded by the USCAP for the most outstanding research paper in the field of human pathology by a first author younger than 40 years.
- 2011** The Sir John Loewenthal Medal (awarded by the Discipline of Surgery, University of Sydney)
- 2012** NSW Cancer Institute Wildfire Award
Awarded for JCO 2009;17:2855-62
- 2013** Most outstanding teacher award RNSH

- 2013** NSW Premier's Award for Excellence in Translational Cancer Research
- 2014** The Sir Zelman Cowen Universities Prize for discovery in Medical Research
- 2014** Northern Clinical School Students Choice award for best lecturer
- 2015** NSW Cancer Institute Wildfire Award
Awarded for Nature 2012;491(7424):399-405
- 2017** Ramzi Cotran Young Investigator Award
Awarded by the USCAP to recognize a body of investigative work which has contributed significantly to the diagnosis and understanding of human disease
- 2017** Vincent McGovern Medal
- 2018** Appointed Member of the Order of Australia (AM) in Queen's Birthday Honours list
- 2018** NSW Cancer Institute Wildfire Award
Awarded for Nature 2015; 518:495–501
- 2019** NSW Cancer Institute Wildfire Award
Awarded for Nature 2016;531:47-52
- 2021** The Distinguished Pathologist Award
Presented by the International Academy of Pathologist (IAP)

Professional Memberships and Affiliations:

Fellow of the Royal College of Pathologists (FRCPA) 2005 -

Founding Fellow Faculty of Science Royal College of Pathologists
(FFsc FRCPA) 2011 -

Member of the International Academy of Pathologists (IAP) 2005 -

Member of the United States and Canadian Academy of Pathology
(USCAP) 2005 -

Member of the International Endocrine Pathology Society 2007 -

Founding President of the Australian Endocrine Pathology Society
2011 -

Examiner, Royal College of Pathologists of Australasia (Anatomical Pathology) 2011 –

Examiner, Royal College of Pathologists of Australasia (Module 1 Molecular pathology in AP) 2011 –

Member of the International Society of Urological Pathology 2014 -

Founding President of the Australasian Gastrointestinal Pathology Society 2015

Member of the WHO/IARC international working group on endocrine pathology 2016 –

Standing Editorial Board Member fifth edition WHO/IARC classification of tumours 2018-

Member of the International Society of the Genitourinary Pathology Society 2018 -

President of the International Endocrine Pathology Society 2019-2020

Series champion for the International Collaboration on Cancer Reporting (ICCR) for Endocrine Pathology

Member of the International Collaboration on Cancer Reporting (ICCR) group for pancreatic cancer

Member of the Medical Services Advisory Committee (MSAC) Evaluation Sub-committee (ESC) (2022 -

Member of RCPA committee to design uniform Australia wide synoptic reporting protocols for:

Oesophageal carcinoma
Gastric Carcinoma
Adrenal Cortical Carcinoma
Pancreatic Carcinoma

Editorial Board Endocrine Pathology 2007 –

Associate Editor Endocrine Pathology 2016 –

Standing Editorial Board 5th Edition WHO/IARC classification of tumours 2018 -

Editorial Board Endocrine Related Cancer 2013 –

Editorial Board Histopathology 2018 -

Editorial Board Human Pathology 2018 –

Editorial Board Modern Pathology 2019 -

Histopathology - Annual Review Issue Editor 2018

RCPA Overseas Trained Specialist Assessment Committee 2018 –

RCPA AP genomics group Committee 2021 –

Series champion Endocrine Pathology for the International Collaboration on Cancer Reporting (ICCR):

Ghossein R, Barletta J, Bullock M, Johnson S, Kakudo K, Lam A, Moonim MT, Poller D, Tallini G, Tuttle RM, Xu B, Gill A. (2019) Carcinoma of the Thyroid Histopathology Reporting Guide. International Collaboration on Cancer Reporting; Sydney, Australia. ISBN: 978-1-925687-27-9

Giordano T, Berney D, de Krijger R, Erickson L, Fassnacht M, Mete O, Papathomas T, Papotti M, Sasano H, Thompson L, Volante M, Gill A. (2019) Carcinoma of the Adrenal Cortex Histopathology Reporting Guide. International Collaboration on Cancer Reporting; Sydney, Australia. ISBN: 978-1-925687-30-9

Williams M, DeLellis R, Erickson L, Gupta R, Johnson S, Kameyama K, Natsu S, Ng T, Perren A, Perrier N, Seethala R, Gill A. (2019) Parathyroid Carcinoma & Atypical Parathyroid Neoplasm Histopathology Reporting Guide. International Collaboration on Cancer Reporting; Sydney, Australia. ISBN: 978-1-925687-29-3.

Tischler A, Asa S, Clifton-Bligh R, de Krijger R, Kimura N, Komminoth P, Lack E, Lenders J, Lloyd R, Papathomas T, Sadow P, Thompson L, Gill A. (2019) Pheochromocytoma and Paraganglioma Histopathology Reporting Guide. International Collaboration on Cancer Reporting; Sydney, Australia. ISBN: 978-1-925687-28-6

Ad Hoc Reviewer for the following journals:

Pathology

Human Pathology

Virchow's Archives

Archives of Dermatological Research

Journal of the Application of Clinical Genetics

Histology and Histopathology

Endocrine Related Cancer

Journal of Clinical Oncology

Cancer Investigation

Pancreatology

Journal of Gastrointestinal Oncology

World Journal of Gastroenterology

Canadian Medical Association Journal

Colorectal disease

Endocrine Connections

Journal of Cancer Research and Clinical Oncology

International Medical Case Reports Journal

European Journal of Endocrinology

Pancreas

The International Journal of Biochemistry & Cell Biology

Journal of Clinical Endocrinology and Metabolism

Histopathology

Journal of Case Reports in Endocrinology

Disease Markers

World Journal of Surgical Oncology

New England Journal of Medicine
Medical Oncology
Science Translational Medicine
Genetics in Medicine
Cancer Research Frontiers
Expert Review of Gastroenterology and Hepatology
Neuroendocrinology
Gastroenterology Research and Practice
Hormone and Metabolic Research
Case Reports in Endocrinology
Chinese Journal of Cancer Research
APMIS (Acta Pathological, Microbiologica, et Immunologica Scandinavica)
Annals of Oncology
Journal of Global Oncology
PlosOne
Cancer
Langenbeck's Archives of Surgery
Journal of Pediatric Endocrinology and Metabolism
Oncology Letters
Oncotarget
Journal of Clinical Investigation
Applied Immunohistochemistry & Molecular Morphology
Familial Cancer
Clinical Lung Cancer
Cancer Medicine
The Journal of Rheumatology
The Clinical Respiratory Journal
BMJ Case Reports
Modern Pathology
Nature Communications
Annals of Surgical Oncology
Current Oncology
JNCI Cancer Spectrum
Hormone and Metabolic Research
British Journal of Cancer
Diagnostic Pathology
The Journal of Pathology
Internal Medicine Journal
Cancer Genetics
Clinical Endocrinology
Genes, Chromosomes and Cancer
Thyroid
NPJ Genomic Medicine
Journal of Clinical Pathology
Clinical Cancer Research
Journal of Endocrinological Investigation

EMPLOYMENT HISTORY:

Current appointments:

2005- **Staff Specialist, Dept of Anatomical Pathology (senior staff specialist from 2012)**

Royal North Shore Hospital

Special interest in: Endocrine, Pulmonary and GIT pathology

2009-2014 **Visiting Pathologist Garvan Institute of Medical Research**

Lead anatomical pathologist for the Australian Pancreatic Cancer ICGC (International Cancer Genome Consortium) project to perform whole genome sequencing on 400 pancreatic cancers.

2015- **Chairman of Australian Pancreatic Genome Initiative and Head of Pancreatic Cancer research group at the Garvan Institute of Medical research**

2012-2015 **Associate Professor University of Sydney and Northern Translational Cancer Research Unit (Sydney Vital)**

Established a surgical pathology research unit as part of the NTCRU. This is the first dedicated surgical pathology research unit in this country.

2016- **Professor of Surgical Pathology, University of Sydney**

Previous Employment:

2006-2012 **Clinical Senior Lecturer, Northern Clinical School, University of Sydney**

Established clinicopathological conferences for medical student teaching, Integrated Learning Attachments in Pathology, Honours Projects for medical students. Estimated face to face teaching time 10 hrs per week.

2000-2004 **Anatomical Pathology Registrar**

Royal North Shore Hospital

Rotations and secondments:

August – September 2000: Registrar NSW Institute of Forensic Medicine

January – July 2003: Registrar in Paediatric Pathology, The New Childrens Hospital at Westmead

July – October 2003: Registrar in Anatomical Pathology, Royal Prince Alfred Hospital

2000-2003: Casual position in RNSH Emergency Dept as RMO/Registrar

1999 **Medical Registrar**

Royal North Shore Hospital

Completing terms in: General Medicine (Ryde District Hospital)

Emergency Medicine (RNSH)

Respiratory Medicine (RNSH)

Geriatrics (RNSH)

TEACHING EXPERIENCE

- 2009-** Established Clinopathological Conferences (CPCs) for MED3/MED4 students at Royal North Shore Hospital.
These are a yearly series of 16 x one and a half hour teaching sessions for MED3/MED4 students at the Northern Clinical School where diagnostic surgical pathology findings are integrated with radiology and clinical decision making. These sessions are consistently rated by the students as being amongst the most valuable sessions in their degree.
- 2008-** Established integrated clinical attachments in pathology for medical students at Northern Clinical School.
- 2008-** Established and designed SCORPIO session in obstetrics and gynaecology
- 2008-** Established integrated vignettes in pathology for clinical medical student lectures at Northern Clinical School
- 2006-** Mentor for visiting pathologists and laboratory scientists from Vietnam under the Hoc Mai scheme.
- 2004 -** Established and co-ordinated the SCORPIO session on lung cancer assessment and treatment for Northern Clinical School
- 2000 -** Regular presentations of pathology at the physician grand rounds, multidisciplinary meetings and various departmental meetings. Estimated number of such presentations 2000 to 2012 is greater than 500.

COMPETITIVE GRANTS

2008 to 2010 - Cure Cancer Australia Foundation (Associate Investigator): "Ovarian surface epithelial carcinoma modeling in *Brcal*-null mice mediated by Sleeping Beauty insertional mutagenesis", (\$75K)

2008 to 2010 - NSCCAHS (Associate Investigator): "A forward genetic approach to identify primary tumorigenic events in mouse ovarian tumours with and without loss of *Brcal*" (\$20K)

2008 to 2010 - USyd Faculty of Medicine (Collaborator): "Testing the gonadotropin theory of ovarian surface epithelial carcinoma development in *Brcal*-deficient mice" (\$50K)

2009- RNSH Cancer Key Area Grant (Chief Investigator) "Research into Surgical Pathology" (\$50K)

2009 - Chief Investigator PaLMS trust fund support for research position (\$50K)

2010 - Chief Investigator PaLMS trust fund support for research position (\$50K)

2011 – Chief Investigator PaLMS trust fund support for research position (\$50K)

2011 – 2013 RG1-14 Chief Investigator B RG14 New opportunities for the study of ovarian cancer through characterization of mouse models (\$315 016). Cancer Council NSW

2011 – 2015 SRP 11-01 Chief Investigator G Genotype Guided Cancer Therapy (Genomic Theranostics) (\$1 500 000) Cancer Council NSW

2011 – 2013 Chief Investigator D Translational Cancer Research Unit for Royal North Shore Hospital - Cancer Institute NSW (\$1,499,511)

2012-2014 Associate Investigator NHMRC Project Grant ID: 1025918 Targeting KCa3.1 in diabetic nephropathy \$581 010.00 Chief Investigator

2012 - Baxter R, Marsh D, Gill AJ, Clarke SJ, Smith R. University of Sydney Cancer Research Fund Research Infrastructure Grant. “MALDI-TOF/TOF mass spectrometer, with associated Biomarker Identification and MALDI-Imaging solutions” \$250,000

2012 NHMRC Equipment Grants Scheme Baxter R, Halliday G, Marsh D, Gill AJ, Clarke S, Smith R, Hersey P, Little C, Jackson C, O'Neill C, Murphy C, Sharland A, Chadban S, Mason R, Assinder S, Verdurand M, Richardson D, Machaalani R, Hambly B, Chan-Ling T, dos Remedios C, Holsinger R, Lay P “Bruker Daltonics autoflex speed MALDI-TOF/TOF mass spectrometer, with associated Biomarker Identification and MALDI-Imaging solutions” \$197,000

2012-2015 Cancer Institute NSW Research Infrastructure Grant – Principle Investigator Gill AJ – The creation of a readily accessible and clinically annotated tissue bank of paraffin blocks containing tumour to mirror and expand frozen tissue already collected by the Kolling Tumour Banks \$276,971.00 over three years. 12/RIG/1-19

2012-2015 Cancer Institute NSW Research Infrastructure Grant – Associate Investigator - MALDI MS Imaging for Cancer Biomarker Discovery in the Northern Translational Cancer Research Unit \$299,334 over three years. 12/RIG/1-01

2013-2016 Marsh DJ, Gill AJ and Gard GB [APP1049396] Monoubiquitinated histone H2B – marking key pathways in ovarian cancer. Cancer Australia CIB \$309,673 over 3 years

2013 – Hugh TJ, Smith RC, Gill AJ, Engel A, Pavlakis N, Xue A Establishing a Patient-Derived First Generation Tumour Xenograft Model: A Promising Tool for Rapid Guidance of Chemotherapeutic Responsiveness in Patients with Colorectal Liver Metastases. RNSH Staff Specialist Trust Fund \$50,000 over one year.

2013 - Pajic M, Timpson, Biankin AV, Gill AJ [APP1065022] From functional genomics to precision medicine: The therapeutic potential of targeting ROCK signalling in pancreatic cancer. Project Grant– Cancer Australia. \$599,997 over 3 years

2014-19 CINSW Northern Translational Cancer Research Centre (NTCRC), Engel A, Bailey DL, Boyle FM, Clarke SJ, Gill AJ, Marsh DJ and Molloy M, \$6,344,518 over 5 years

2015 CINSW Research Equipment Grant Nanostring nCounter system for gene expression analysis in fresh and formalin fixed paraffin embedded tissue Gill AJ, Stevenson W, Clifton-Bligh R, Marsh D, Engel A, Baxter R, Sidhu S, Boyle F, Samra J, Clarke S \$500,000

2014-2019 Anderson RA, Swarbrick A, Johnstone R, Chua B, Gill AJ, Khanna KK, Lakhani S, Loi S, O'Toole SA, Saunders C NCBF Repository of Patient Matched Primary Breast Tumours and Metastasis (IF-14-01)\$1,745,270.00 over 5 years - National Breast Cancer Foundation

2015-2018 NHMRC Project Grant APP1081312 Pajic M, Timpson P, Gill A, Clark S, Burgess A Therapeutic targeting of cell cycle checkpoint aberrations in pancreatic cancer: personalised medicine in action \$614,495

Charles K, Clarke S, Diakos C, Pavlakis N, Engel A, Samra J, Gill AJ, Kneebone A, Fazekas de St Groth B, Hart D, Smith A, Byrne S, McGuire H, Vafaee F, King M The Sydney 1000 Cancer Project – Stage 1 Gastrointestinal Cancers Immunophenotyping Study 2015 \$175 000 University of Sydney SPARC implementation program

2015-2017 Gill AJ CINSW Research Infrastructure Grant 15/RIG/1-14 The further expansion, maintenance and deployment of a tissue of paraffin block containing cancers to mirror and expand frozen tissue bank assets \$284,325

2015-2019 APP1083896 Tyrosine Kinase Signalling Networks In Pancreatic Cancer: Relevance To Therapeutic Response And Biomarker Development \$759,618.00. Associated Investigator

2016 – 2020 NHMRC Project Grant APP1102018 Khasraw M, Lipton L, Chantrill L, Hofman M, Ackalnd M, Michael M, Christie M, Gill AJ, Wilson K NABNEC: A Randomised Phase II Study Of Nab-paclitaxel In Combination With Carboplatin As First Line Treatment Of Gastrointestinal Neuroendocrine Carcinomas \$1,393,082.86

2016 – 2018 NHMRC Project Grant APP1108032 Clifton-Bligh R, Tothill R, Duncan E, Gill AJ, Dwight T, Benn D, Tucker K, Trainer A; Hereditary endocrine cancer: A model based on pheochromocytoma-paraganglioma syndromes \$875,000

2016 – 2018 The Avner Pancreatic Cancer Foundation. Principal Investigator Gill AJ. The Australian Pancreatic Cancer Genome Initiative: Biospecimen Core Resource (APGI-BCR) \$890,093.10

2016-2018 APP1100722 Cancer Australia Project Grant: From mice to men: biomarker-driven classification of pancreatic cancer to define the gemcitabine/nab-paclitaxel responsive molecular subtype. CIA: Pajic; CIB: Timpson; CIC: Gill; CID: Clarke, CIE: Burgess; CIF: Samra. \$600,000

2017 (3 years) APP1129401 Real-time optical window imaging of AKT-FRET biosensor mice to maximise PI3K/AKT drug targeting within the hypoxic microenvironment of pancreatic cancer. \$683,447.00. Associated Investigator

2017-2020 AppID_1123924 Cancer Australia Project Grant: Hide and seek with hereditary cancer: Improving detection of colorectal cancer patients with a high risk of Lynch syndrome.

Taylor, N., Tucker, K., Macrae, F., Gill, A., Pachter, N., Parkinson, B., Solomon, M., Shaw, T., & Kench, J., Canfell, K., Morris, S., Debono, D., Long, J., Phan-Thien, K., Hawkins, N., Williams, R., Lakhani, S., & Marfan, H. Cancer Australia. \$591,241

2017 Ramsay foundation research grant - A novel non-invasive method of diagnosing kidney fibrosis. Muh Geot Wong, Sonia Saad, Ewa Goldys, Anthony Gill. \$56,000

2018 (3 years) APP1144619 A novel diagnostic method to determine the likelihood of kidney fibrosis and progressive CKD in patients with diabetes mellitus and other forms of chronic proteinuric renal disease \$508,848.00. Associated Investigator

2018 (3 years) APP1146788 The structure and function of the apical domain in insulin secreting beta cells. \$563,848.00. Associated Investigator

2019-2021 "Fine-tuned" manipulation of the c-MET oncogenic pathway in pancreatic cancer: a new paradigm of personalised medicine" NHMRC APP1162860; \$707,521.00 over 3 years CIA Pajic; CIB Gill; CIC Samra; CID Nagrial

2019 Metastatic and recurrent soft tissue sarcomas - investigation of DNA methylation changes and their contribution to sarcoma progression; Vargas Calderon A, Gill A, Maclean F; Australia and New Zealand Sarcoma Association/Research Grant \$50,000

2019 (4 years) APP1160022 Tailored priming of pancreatic cancer progression and metastatic targeting using KD025, a phase II (ROCK2) inhibitor: fine-tuning treatment via single cell intravital imaging \$892,362.00. Associate Investigator.

2019 (3years) APP1160855 Dissecting the mutational landscapes and cellular ecosystems of pancreatic cancer \$854,384.00. Associated Investigator

2021 Cancer Institute NSW Translational Programme Grant - APP ID:2006243; TPG2100 Chief Investigator: Goldstein D, Thomas D, Phillips P, Timpson P, Pajic M, Sjoquist K, Gill AJ, Chantrill L, O'Byrne K, Brown M Application Title: Molecular Screening and Therapeutics (MoST) – P: precision oncology in pancreatic cancer \$7.5 million over 5 years

2021 Sumit Sahni, Mark Molloy, Anubhav Mittal, Jaswinder Samra, David Chang, Anthony Gill, Nick Pavlakis and Angela Chou. Development of Personalised Treatment Pathways for Pancreatic Cancer Patients. Pankind Collaboration Grant 2021-23 (\$299,671).

2022 - NHMRC Development Grant CIA T Cox, CIB P Timpson, CIC M Pajic, CID A Nagrial, CIE AJ Gill A First-In-Class Tumour Matrix Targeting Approach to Enhance Chemotherapy in Pancreatic Cancer \$827,500 over 3 years, commencing in 2022

2022- PanKind Collaboration grant Nones K, Patch A-M, Boyle G, West M, Johns AL, Gill AJ Understanding pancreatic cancer nerve invasion through investigation of the tumour microenvironment to improve patient's pain and disease treatment. \$300K over two years PanKind Collaboration Grant

2022 - Ian Potter Foundation Grant Laser capture microdissection microscope for spatial molecular profiling of tissues Molloy MP, Sahni S, Gill AJ, Sue C, Braet F

INVITED LECTURES AT NATIONAL AND INTERNATIONAL MEETINGS

June 2001 Australasian Division of the International Academy of Pathology meeting, Darling Harbour, NSW. Main Auditorium oral presentation/lecture (gastrointestinal pathology specialty club): **“CMV in Gastrointestinal Disease”**

October 2001: Combined UTS/RNSH Scientific Meeting, Sydney. Oral Presentation: **Cheung L, Messina M, Gill AJ, Clarkson A, Learoyd D, Delbridge L, Wentworth H, Philips J, Clifton-Bligh R, Robinson BG Detection of PAX8-PPAR γ fusion oncogene transcripts in thyroid carcinomas**

September 2002: 28th annual meeting of the European Thyroid Associations, Goeteburg Sweden. Oral Presentation: **Cheung L, Messina M, Gill AJ, Clarkson A, Learoyd D, Delbridge L, Wentworth H, Philips J, Clifton-Bligh R, Robinson BG Detection of PAX8-PPAR γ fusion oncogene transcripts in thyroid carcinomas**

November 2002 :Trends in Surgical Pathology. Oral Presentation: **“Oncogenic Osteomalacia”**

November 2003: Trends in Surgical Pathology. Oral Presentation: **“Anaplastic Oligodendroglioma with loss of chromosomes 1p and 19q”**

APCA meeting, April 2004. Oral Presentation: **Saxby AJ, Nielsen A, Scarlett CJ, Clarkson A, Gill AJ and Smith RC Role of HER 2 in Pancreatic Cancer: A comparison of HER 2 over-expression using Immunohistochemistry and Real Time RT-PCR**

March 2004: Invited to present the long course in Endocrine Pathology as part of the “Recent Advances in Pathology” lecture series

Invited speaker, to the **Slide Seminar: Head and Neck Pathology** at the XXVth Congress of the International Academy of Pathologists, Brisbane; October 12th, 2004

June 2005 Australasian Division of the International Academy of Pathology meeting, Darling Harbour, NSW. Main Auditorium oral presentation/ lecture (respiratory pathology specialty club): **“Bong Lung: Cannabis and Pneumothorax”**

March 2006 Asian Association of Endocrine Surgeons Meeting Hong Kong. Oral Presentation: **Parafibromin immunohistochemistry and *HRPT2* mutation analysis in patients with suspected parathyroid carcinoma** (Senior Scientific Author: A Gill)

May 2006 Invited Speaker to Australian College of Surgeons Annual Scientific Meeting: **Thyroid and Parathyroid diseases**

June 2006 Australasian Division of the International Academy of Pathology meeting, Darling Harbour, NSW. Main Auditorium oral presentation/ lecture (respiratory pathology specialty club): **“Carcinoma with t(15;19) translocation”**

June 2007 Australasian Division of the International Academy of Pathology meeting, Darling Harbour, NSW. Main Auditorium oral presentation/ lecture (respiratory pathology specialty club): **“Pulmonary IgG4 disease”**

November 2007: Trends in Surgical Pathology. Oral Presentation:
“Trends in the diagnosis of parathyroid carcinoma”

June 2008 Australasian Division of the International Academy of Pathology meeting, Darling Harbour, NSW. Main Auditorium oral presentation/ lecture (Pancreaticobiliary club):
“Pancreatic and Extrapancreatic IgG4 disease”

June 2008 Australasian Division of the International Academy of Pathology meeting, Darling Harbour, NSW. Main Auditorium oral presentation/ lecture (respiratory pathology specialty club): **“Diffuse (“Japanese type”) Panbronchiolitis”**

September 2009 Invited speaker to the European Congress of Pathology Florence Italy.
Lecture: **Parathyroid carcinoma**

June 2010 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. **Gastrointestinal specialty club lecture Subdivision of GISTs by SDHB immunohistochemistry**

June 2010 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Respiratory pathology specialty club lecture **Paraganglioma**

June 2010 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Uro pathology specialty club lecture **SDH mutations in paraganglioma and renal cancer**

June 2010 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Grey-Green Club (“Meet the Professor type teaching session”) **Endocrine Pathology**

March 2011 Breast 2011 **“Molecular pathology of breast Cancer”** Darling Harbour NSW

March 2011 Sydney Gut Club **“SDHB negative GIST”** Sydney NSW

June 2011 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Convenor of the first endocrine pathology specialty meeting and keynote lecture in mitochondrial complex 2 driven neoplasia.

August 2011 Familial Aspects of Cancer: Research and Practice Annual Meeting. Invited and Keynote Speaker on hereditary mitochondrial driven neoplasia

November 2011 New Zealand RCPA Annual Scientific Meeting - Invited and Keynote speaker on Endocrine Pathology

June 1-3 2012 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW – convenor and session chair Endocrine Pathology.

June 15-16 2012 Invited and keynote speaker and session chair Pathology Queensland Endocrine Pathology Course

November 2012 Invited speaker Malaysian International Academy of Pathology update 2012

February 7- 9 2013 invited and keynote speaker 'An update on thyroid disorders' Vellore India

February 14 2013 invited and keynote speaker "Endocrine Pathology" Slide seminar and lectures at 'An update in Surgical Pathology' Royal Prince Alfred Hospital Sydney

March 31 2013 Convenor Endocrine Specialty Club. Australasian Division of the International Academy of Pathology annual general meeting.

July 20 – 21 2013 Invited speaker - Challenges in Gastroenterology – a practical symposium for clinicians Westin Hotel Sydney, Hilton on the Park Hotel Melbourne, Australia

July 20 2013 Invited Speaker Ipsen Clinical Weekend, Crowne Plaza Hotel Melbourne, Australia

August 15 2013 Invited Speaker North Shore Endoscopy Workshop

October 19 2013 – Invited Speaker Annual Scientific and Business Meeting, Australian Cytology Society, Sydney Australia

14-16 November 2013 – Invited speaker 5th Multidisciplinary Update on Thyroid and Parathyroid Surgery Conference, Noosa, Queensland, Australia

16 January 2014 – Convenor and Keynote Speaker: An update on Urological Pathology Royal North Shore Hospital, Sydney Australia

30 May 2014 – International Academy of Pathology Australasian Division, Brisbane, Keynote speaker – Succinate dehydrogenase related neoplasia

1-3 July 2014 – RCPA sponsored lecture tour of Tasmania. Keynote speaker

5-10 October 2014 International Academy of Pathology biannual meeting, Bangkok Thailand. Invited speaker.

March 21–27 2015 Invited Speaker United States and Canadian Academy of Pathology (USCAP) annual general meeting, Boston USA

June 2015 Invited Speaker (three lectures) Asia Pacific division of the International Academy of Pathology (AP-IAP) biannual meeting Brisbane Australia

June 2015 Convener for Endocrine Pathology at Asia Pacific division of the International Academy of Pathology (AP-IAP) biannual meeting Brisbane Australia

September 2015 Invited and Keynote Speaker New Zealand RCPA Annual Scientific Meeting - Queenstown New Zealand

November 2015 Invited and Keynote Speaker Pathology Horizons Meeting Fraser Island Queensland Australia

November 2015 Invited Speaker Australasian Association of Nuclear Medicine Specialist Thyroid Cancer Update Sydney Australia

April 26-28, 2016 International Working Group Endocrine Pathology, Lyons France

June 2016 Convener for Endocrine Pathology at Australasian division of the International Academy of Pathology (IAP) annual meeting Brisbane Australia

June 2016 Invited Speaker Urological Pathology Australasian Division of the International Academy of Pathology (IAP) Annual meeting Brisbane Australia

June 2016 Invited Speaker Endocrine Pathology Australasian Division of the International Academy of Pathology (IAP) Annual meeting Brisbane Australia

June 2016 Chair Endocrine Pathology Australasian Division of the International Academy of Pathology (IAP) Annual meeting Brisbane Australia

August 2016 Invited speaker ASPAN 2016 Australasian Symposium of Pancreatic Disease Newcastle Australia

September 2016 Invited Speaker combined European Congress of Pathology / International Academy of Pathology biannual meeting Cologne Germany

October 2016 Keynote Speaker and Session Chair Australasian Gastrointestinal Pathology Annual Meeting, Perth Western Australia

June 2017 Session Convenor (Endocrine Pathology) and Invited Speaker Australasian Division of the International Academy of Pathology (IAP) Annual meeting Sydney Australia

June 2017 Key Note speaker (Vince McGovern Lecture) Australasian Division of the International Academy of Pathology (IAP) Annual meeting Sydney Australia

August 2017 Invited Speaker Pathology Horizons Cairns Australia

August 2017 Invited Speaker Combined meeting of kConFab, Australian Breast Cancer Family Study, Australasian Colorectal Cancer Family Study, Family Cancer Clinics of Australia and New Zealand, Australian Pancreatic Genome Initiative and International Sarcoma Kindred Study Kingscliff Australia

September 2017 Invited Speaker Fifth International Symposium on Pheochromocytoma and Paraganglioma Sydney Australia

September 2017 Invited and Keynote Speaker Malaysian division of the International Academy of Pathology, Kota Bharu Malaysia

October 2017 Convenor and chair Sydney liver pathology meeting, Royal North Shore Hospital

April 2018 Invited speaker and keynote speaker 91st annual meeting of The Japanese Endocrine Society, Miyazaki, Japan

June 2018 Invited speaker and Masterclass presenter Australasian Division of the International Academy of Pathology (IAP) Annual meeting Sydney Australia

October 2018 Invited speaker International Academy of Pathology annual meeting, Amman Jordan

October 2018 Invited speaker Australasian Gastrointestinal Pathology Society (AGPS) annual meeting Auckland, New Zealand

November 2018 Invited speaker Asia-Pacific Neuroendocrine Tumour (NETS) society meeting Melbourne

March 2019 United States and Canadian Academy of Pathology (USCAP) annual meeting Maryland USA, Endocrine Pathology Companion Society Invited Speaker

March 2019 United States and Canadian Academy of Pathology (USCAP) annual meeting Maryland USA, International Society of Urological Pathology (ISUP), Molecular Pathology Conference Invited Speaker

March 2019 United States and Canadian Academy of Pathology (USCAP) annual meeting Maryland USA, Genitourinary Pathology Society (GUPS), Invited Speaker

March 2019 United States and Canadian Academy of Pathology (USCAP) annual meeting Maryland USA, Surgical Pathology Evening Specialty Conference Chair

March 2019 United States and Canadian Academy of Pathology (USCAP) annual meeting Maryland USA, Hot Topics (Thyroid and Parathyroid Pathology) invited speaker

September 2019 “Cutting Edge Pathology” North Ryde NSW – Invited and keynote speaker Update on molecular pathology of renal Carcinoma

October 2019 Australasian Gastrointestinal Pathology Society (AGPS) annual meeting Adelaide – Invited speaker: An update on pancreatic neoplasia from the new WHO Blue Book

14-16 November 2019 – Invited speaker 8th Multidisciplinary Update on Thyroid and Parathyroid Surgery Conference, Noosa, Queensland, Australia

March 2020 - United States and Canadian Academy of Pathology (USCAP) annual meeting Los Angeles USA, Surgical Pathology Evening Specialty Conference Convenor and Chair

March 2020 - United States and Canadian Academy of Pathology (USCAP) annual meeting Los Angeles USA, Endocrine Pathology Companion Society Meeting – Convenor and Chair

December 2020 – Combined International Academy of Pathology and European Society of Pathology biannual meeting Glasgow Scotland Invited speaker “VSC-12 Endocrine Pathology: Lesions at the threshold of malignancy in endocrine organs – Pheochromocytoma and Paraganglioma”

December 2020 – Combined International Academy of Pathology and European Society of Pathology biannual meeting Glasgow Scotland Invited speaker “VSPEC-02 Special Session BDIAP: Inherited cancers - the role of pathology in diagnosis and management Histopathology in hereditary cancers of the gastrointestinal tract”

December 2020 – Combined International Academy of Pathology and European Society of Pathology biannual meeting Glasgow Scotland Invited speaker “VSC-08 | Digestive Diseases Pathology - GI: Developments in gastrointestinal tumours and the WHO blue book New Concepts in Stromal Tumours of the Gut”

March 14 2021 – Yardsticks in Pathology Conference – KeyNote Lecturer – “Everything pathologists need to know about hereditary cancer syndrome and some things they don’t”

April 22-24 2021 Australasian IAP Session Co-Chair (Endocrine Pathology)

August 13–15 2021 MasterClass in Pathology – Invited Speaker (International E-Only Conference) 2021

October 15 2021 – Pathology on the Reef – Invited Speaker, Pathology on the Reef Hamilton Island Queensland

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June 2007 International Endocrine Society's 89th Annual General Meeting, Toronto. Presentation. **Elston MS, Conaglen JV, Gill AJ, Clifton-Bligh RJ, Robinson BG, McDonald KL Reduced expression of Wnt Pathway in Pituitary Tumours**

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June 2009 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Litkohl S, Gill AJ An audit of frozen section sentinel node biopsies at Royal North Shore Hospital**

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June 2009 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Wong S, Davidson T, Gill AJ A case report of squamous cell carcinoma of the thymus**

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June 2010 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Parker N, Shuja A, Trewin B, Gill AJ Pathological sensitivity for temporal arteritis is improved by longer specimens**

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Hypercalcemia **Paul RG, Elston MS, Gill AJ, Beer ID, Marsh DJ, Wolmarans L, Meyer-Rochow GY, Conaglen JV Hypercalcemia due to Parathyroid Carcinoma Presenting in the Third Trimester of Pregnancy**

June 2011 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Krivitsky T, Rososinski A, Gill AJ Analysis of Lymph Node Collection Quantity for Colorectal Surgery**

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June 2011 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Law S, Scadden-McHugh, Plunket P, Gill AJ Trends in Lymphoma Diagnosis**

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Human Genome Meeting (HUGO) March 2012 **Hahn MA, Dickson K-A, Jackson S, Clarkson A, Gill AJ, Marsh DJ Pathogenic mutations in the tumour suppressor CDC73 significantly reduce H2B monoubiquitination, an important regulator of transcription.**

March 2012, RCPA Pathology Update Meeting, Darling Harbour NSW **Farzin M, Siosson L, Clarkson A, George KT, Gill AJ Utility of an immunohistochemical panel including TTF-1, Napsin, p63, and CK5/6 for subclassification of poorly differentiated non-small cell lung carcinomas.**

March 2012, RCPA Pathology Update Meeting, Darling Harbour NSW **Farzin M, Siosson L, Clarkson A, Yu B, Trent R, NG CC, Selinger C, George KT, Cooper W, O'Toole S, Gill AJ Immunohistochemistry first as a screening strategy for targeted therapy of lung cancer**

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June 2012 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Lam K, Wang C, Stoyanov A, Chen J, Gill AJ Trends in Acute Cellular Rejection in Renal Transplant Biopsies**

June 2012 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Watson MJG, Deng D, Li J, Madan KA, Malouf M, Chen J, Gill AJ Trends of Primary Diagnoses in Renal Biopsies**

June 2012 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Formaz-Preston A, Hale S, Docwra B, Gill AJ Diagnostic Trends in Malignant Mesothelioma at Royal North Shore Hospital Over an 12 Year Period**

June 2012 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Holloway L, Traill C, Gill AJ Intestinal Spirochetosis – a retrospective review**

September 2012, Sydney Cancer Conference 2012 Sydney NSW Australia **Colvin EK, Fuller ES, Cheng J, Gill AJ, Marsh DJ, Howell VM. Development of a novel orthotopic syngeneic mouse model for investigating immune interactions in epithelial ovarian cancer**

June 2013 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Wilson O, Argueta MA, Samra J, Gill AJ, Frozen Section improves the complete excision rates for Whipples Resection**

June 2013 Australasian Division of the International Academy of Pathology, Darling Harbour, NSW. Poster Presentation **Roth CJ, Wu YF, Toon C, Gill AJ, Effectiveness of online learning modules in gastrointestinal polyps pathology**

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February 2014 RCPA Pathology Update Meeting Melbourne B Jayasinghe, AJ Gill, P Irandoost - A Case Report of A Scirrhus Variant of Hepatocellular Carcinoma (A Rare Variant)

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June 2014 Australasian Division of the International Academy of Pathology, Brisbane QLD Gill N, Toon CW, Watson N, Gill AJ Apical lymph node metastasis and survival in resected colorectal cancer

June 2014 Australasian Division of the International Academy of Pathology, Brisbane QLD Menkens H, Toon C, Gill AJ Audit of fine needle aspiration cytology reporting of thyroid nodule

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Mylchreest LJ, Mills JT, Raut AL, Yeap IM, Gill AJ Mitochondrial complex II insufficiency occurs rarely in breast carcinoma

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Jeffress KL, Gustafson TL, Murphy NJ, Brewer J, Parker N, Wheeler HR, Gill AJ Audit of primary brain tumors at Roval North Shore Hospital from 2007 to 2011

March 2015 United States and Canadian Academy of Pathology (USCAP) annual meeting –
Trpkoy K, Hes O, Agaimy A, Martinek P, Magi-Galluzzi C, Brimo F, Kristiansen G, Gill AJ IHC Screening of Unclassified RCC Detects Tumors Associated With HLRCC.

March 2015 United States and Candadian Academy of Pathology (USCAP) annual meeting –
podium presentation **Smith S, Trpkov K, Mehra R, Divatia M, Hes O, Menon S, Gill AJ, Amin M. Is Tubulocystic Carcinoma With Dedifferentiation a form of HLRCC/Fumarate Hydratase. Deficient RCC?**

June 2015 British Division of the International Academy of Pathology Annual Meeting
Dublin Ireland – podium presentation **Andrici J, Sheen A, Sioson L, Wardell K, Clarkson A, Watson N, Farzin M, Toon M Gill AJ, Loss of Expression of BAP1 is a Useful Adjunct Which Strongly Supports the Diagnosis of Mesothelioma in Effusion Cytology**

September 2015 European Congress of Pathology; Belgrade, Serbia – Podium Presentation.
Andrici J., Farzin M., Sioson L, Clarkson,A, Watson N, Toon CW, Gill AJ Mismatch repair deficiency as a prognostic factor in mucinous colorectal cancer.

September 2015 European Congress of Pathology; Belgrade, Serbia – Poster Presentation
Andrici J, Toon CW, Clarkson A, Watson N, Sioson L, Gill AJ SMAD4 expression as a prognostic factor in colorectal cancer

March 2016 United States and Canadian Academy of Pathology (USCAP) annual meeting –
poster presentation **Yakirevich E, Ali SM, Mangray S, Wheeler M, Lombardo KA, Kim K-M, Gill AJ, Wang K, Gowen K, Ross JS, Safran H, Resnick MB Colorectal Adenocarcinoma with ALK Rearrangement: Clinicopathologic and Molecular Characteristics**

March 2016 United States and Canadian Academy of Pathology (USCAP) annual meeting –
poster presentation **Friedman K, Wood SM, Brodsky AS, Lu S, Lombardo KA, Yang D, Gill AJ, Resnick MB The Immune Microenvironment of Medullary Colon Cancer Differs from Other Microsatellite Unstable (MSI) Tumors: A Gene Expression and Immunohistochemical Analysis of 105 Cases**

March 2016 United States and Canadian Academy of Pathology (USCAP) annual meeting –
poster presentation **Wood SM, Friedman K, Brodsky S, Lu S, Lombardo KA, Yang D, Gill AJ, Resnick MB Fatty Acid Binding Protein (FABP1) is preferentially lost in microsatellite unstable and in medullary carcinomas of the colon**

June 2016 International Academy of Pathology, Australasian Division, annual meeting – poster presentation **F Najdawi, Jayne Maidens, J Pickett, D Nevell, K McIlroy, G Gard, M Field, AJ Gill Implementation of tumour testing for Lynch syndrome in endometrial, endometrioid and clear cell gynaecological malignancies at the Royal North Shore Hospital (**Winner Best Poster Award**)**

February 2017 RCPA Pathology Update – poster presentation **Gnanasekaran T, Perry J, Ashford B, Gabrielli S, Gill A, Clark J, Gupta RR RNA sequencing of metastatic cutaneous SCC with nano-string: preliminary results**

February 2018 RCPA Pathology Update – poster presentation **VKY Cheung, A Clarkson, AJ Gill CAMTA1 immunohistochemistry is a highly sensitive marker for epithelioid haemangioendothelioma**

February 2018 RCPA Pathology Update – poster presentation **J Reagh, H Soh, J Pickett, AJ Gill SMARCA4 immunohistochemistry–A useful tool in the differential diagnosis of undifferentiated malignancies: A case report**

February 2018 RCPA Pathology Update – poster presentation **LQ Zhuang, F Maclean, AJ Gill, M Gorji Two patients with presumed HLRCC presenting with multiple fumarate hydratase deficient cutaneous leiomyomas**

March 2018 USCAP annual Meeting (Vancouver Canada) – Podium Presentation **Maclean F, McKenney J, Hes O, Kao C-S, Ellis CL, Turchini T, Samaratunga S, Zwi J, Bhattarai S, Ryan A, Bonert M, Leroy X, Kunju LP, Schwartz L, Williamson SR, Matsika A, Rao P, Divatia M, Guarch R, Algaba F, Brimo F, Agaimy A, Balancin M, da Cunha IW, Zhou M, Trpkov K, Gill AJ Expanding the Clinicopathological Spectrum of Succinate Dehydrogenase-Deficient Renal Cell Carcinoma: 42 Novel Tumors in 38 Patients**

March 2018 USCAP annual Meeting (Vancouver Canada) – Poster Presentation **Pivovarcikova K, Martinek P, Trpkov K, Alaghebandan R, Magi-Galluzzi C, Mundo EC, Comperat EM, Berney D, Suster S, Gill AJ, Michalova K, Saskova B, Michal M, Hes O Fumarate-Hydratase Deficient Renal Cell Carcinoma Does not Demonstrate a Distinct Chromosomal Numerical Aberration Pattern**

February 2019, RCPA Pathology Update Meeting (Melbourne) – Poster Presentation **S Nair, AJ Gill, N Dhupar, S Samra Fumarate hydratase-deficient uterine leiomyoma–Case report and literature review**

February 2019, RCPA Pathology Update Meeting (Melbourne) – Poster Presentation **A Chou, M Pajic, A Gill Gene-rearrangement is frequent in pancreatic acinar cell carcinoma**

February 2019, RCPA Pathology Update Meeting (Melbourne) – Poster Presentation **M Nabaei, AJ Gill, M Ahadi Renal cell carcinoma with angioleiomyoma-like stroma: A case report**

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HJ Kim, AJ Gill, F Maclean Fumarate hydratase immunohistochemical expressions in testicular Leydig cell tumours

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Pulvers JN, Gill AJ Analysis of PTEN expression in prostate cancer

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International Surgical Week Vienna August 2022 **Outcomes of papillary thyroid microcarcinoma presenting with clinically detected lateral lymphadenectomy** A. Papachristos, K. Do, M. Sywak, **A. Gill**, S. Sidhu, R. Clifton-Bligh, A. Glover, M. Gild

International Surgical Week Vienna August 2022 **Intraoperative MET-receptor targeted fluorescent imaging and spectroscopy for lymph node detection in papillary thyroid cancer: novel diagnostic tools for more selective central lymph node compartment dissection.** P K C Jonnker, M. J. Metman, L. H. Sondorp, M. S. Sywak, A. J. Gill, T. M. van Ginhoven, R. S. Fehrmann, S. Kruijff

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