

CURRICULUM VITAE

I. BIOGRAPHICAL SKETCH

NAME:

Gregory L Kinney, MPH, PhD

CURRENT POSITION:

Research Assistant Professor

Department of Epidemiology
Colorado School of Public Health
University of Colorado, Anschutz Medical Campus
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EDUCATION:

	<u>School</u>	<u>Major</u>	<u>Degree</u>
1997	University of Massachusetts at Boston	Biology/Anthropology	B.S./B.S.
2001	Tulane University	International Health	M.P.H.
2012	Colorado School of Public Health	Epidemiology	Ph.D.

WORK HISTORY:

2017 – Present	Department of Epidemiology, University of Colorado Anschutz Medical Campus; Research Assistant Professor
2013 – 2017	Department of Epidemiology, University of Colorado Anschutz Medical Campus; Instructor in Epidemiology
2001 – 2013	University of Colorado Anschutz Medical Campus; Professional Research Assistant, Chronic Obstructive Pulmonary Disease Genetic Epidemiology Study, 2008 – Present Professional Research Assistant, Coronary Artery Calcification in Type I Diabetes Study, 2001 - 2008
2000 – 2001	Tulane University, New Orleans LA; Computer Systems Support
2000 – 1997	Brigham and Women's Hospital, Boston MA, Department of Rheumatology; Biometry Research Assistant

SOCIETY MEMBERSHIP:

Member	American Thoracic Society Assembly on Environmental and Population Health
Member	American Diabetes Association Section on Epidemiology and Statistics
Member	American College of Epidemiology
Member	Society for Epidemiologic Research
Member	International Cannabinoid Research Society

NATIONAL & INTERNATIONAL ACTIVITIES AND HONORS:

Awards:

2010 American Thoracic Society Travel Award, Assembly on Clinical Problems

Session Facilitator/Moderator:

2020 American Thoracic Society, Moderator Thematic Poster Session; "Population Based Studies on COPD" **MEETING CANCELED DUE TO COVID-19**

American Thoracic Society, Moderator Mini Symposium; "Growing Cannabis, Fighting Fires, Military Deployment and Installing Countertops – The Occupational Respiratory Threats of The 21st Century" **MEETING CANCELED DUE TO COVID-19**

2017 American Diabetes Association, Poster Tour Moderator; "Epidemiology of Type 1 Diabetes" (Invited, unable to attend)

2016 American Diabetes Association, Poster Tour Moderator; "Epidemiology of Type 1 Diabetes"

2015 American Diabetes Association, Guided Audio Poster Tour Moderator; "Epidemiology of Type 1 Diabetes"

2011 American Thoracic Society 2011 International Conference

Abstract Reviewer

2022 American Thoracic Society
2022 American Diabetes Association
2021 American Thoracic Society
2021 American Diabetes Association
2020 American Thoracic Society
2020 American Diabetes Association
2019 American Diabetes Association
2019 American Thoracic Society
2018 American Diabetes Association
2017 American Diabetes Association
2016 American Diabetes Association
2015 American Diabetes Association

Grant Reviewer:

2018 Colorado Clinical and Translational Sciences Institute, Community Engagement Partnership Development Pilot Grants

2015 Longfonds (voorheen Astma Fonds), Lung Foundation Netherlands requested reviewer for research consortia grant application

2009 - 2014 Sciences and Cultural Foundations District Tier 3; appointed to represent the City of Aurora on the Arapahoe County Cultural Council for 3 years by the county commissioners of Arapahoe County, Colorado
Appointment upheld for second term in 2011

Program Reviewer:

2021 – 2022 American Thoracic Society
Session Reviewer, Assembly on Environmental and Population Health

Reviewed and scored 98 abstract submission and 18 session submissions for 2022 ATS national meeting

- 2020 - 2021 American Thoracic Society
Session Reviewer, Assembly on Environmental and Population Health
Reviewed and scored 126 abstract submission and 15 session submissions for 2021 ATS national meeting
- 2019 - 2020 American Thoracic Society
Session Reviewer, Assembly on Environmental and Population Health
Reviewed and scored 234 abstract submissions and 18 session submission for 2020 ATS national meeting
- 2016 - Present Association of Schools and Programs of Public Health, ASPPH Public Health Philanthropy Fellowship Program.
Review fellowship applications

National Committee Membership

- 2013-Present Committee Member
Radiological Society of North America
Quantitative Imaging Biomarkers Alliance
COPD/Asthma Technical Committee
- 2013-Present Working Group Member
Chronic Obstructive Pulmonary Disease Foundation
Education Review Working Group
- 2015-Present Diabetes Working Group
[NHLBI Trans-Omics for Precision Medicine \(TOPMed\)](#)
Representing the COPDGene study
- 2018-Present Imaging Working Group
[NHLBI DataSTAGE](#)
Representing the COPDGene study
- 2019-2021 Program Committee Member
Assembly on Environmental and Population Health
American Thoracic Society
- 2022-Present Planning Committee Member
Assembly on Environmental and Population Health
American Thoracic Society

Editorial Board

- 2019 - Present [International Journal of Environmental Research and Public Health](#)
- 2023- Present [Population Health Metrics](#), Springer Nature

Symposium Chair:

- 2015 Society for Epidemiologic Research
Session titled "**Cannabis Use Beyond Addiction, Exposure Assessment in an Environment of Recreational and Therapeutic Use**"

2023 Institute Of Cannabis Research, Colorado State University Pueblo
2023 Cannabis Research conference
Session Titled **"Physical and Mental Health Effects of High-Potency THC Marijuana and Concentrates, Results From A State Funded Scoping Review"**

Manuscript Reviewer (selected):

(Selected Examples)	International Journal of Endocrinology
American Journal of Epidemiology	Journal of the American College of Cardiology
American Journal of Cardiology	Nature Scientific Reports
Diabetes Care	
PLOS ONE	
Thorax	
Annals of the American Thoracic Society	
Respiratory Research	

Invited Speaker National & International:

2023	American Thoracic Society International conference (NIH session)-COPDGENE: ADVANCES IN COPD HETEROGENEITY AND PROGRESSION Outside Organization Session "Reclassifying COPD"
2019	American Thoracic Society International Conference Assembly on Environmental, Occupational and Population Health Cannabis Symposium "The Effects of Cannabis on Sleep"
2019	The 2019 International Workshop on Pulmonary Imaging Session VIII: Comorbidities of COPD "Correlating Cardiovascular Disease in COPD"
2018	American Thoracic Society International Conference Outside Organization Session L29 - NEW RESULTS FROM THE COPDGENE STUDY "Insights into COPD Prognosis from COPDGene"
2017	COPDGene Investigators Meeting Translating COPD Workshop Early Diagnosis/Progression/Prevention: Major Patterns of Progression "PCA-defined High Risk Groups"
2017	American Thoracic Society International Conference Outside Organization Session L16 - NEW RESULTS FROM THE COPDGENE STUDY "Defining Disease Axes of COPD"
2017	Cannabis OutReach & Education Network, Cannabis Research and History Continuing Education, University of California, San Francisco "Sleep and Cannabis"
2010	University of Vermont, Laboratory for Clinical Biochemistry Research "Soluble Tumor Necrosis Factor Receptor Type 2 is an Independent Predictor of Progression of Coronary Artery Calcification"

Invited Activities National:

2015	American Diabetes Association; abstract reviewer, 75 th scientific sessions
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- 2013 – Present [Chronic Obstructive Pulmonary Disease Foundation](#), Educational Review Working Group, ERWG Member
- 2009 – 2012 American Public Health Association; Epidemiology Liaison for the Ethics Special Interest Group

Invited Activities Multi-Center Cohort Studies

- 2022 - Present Co-Chair, Publications Working Group
1. Present manuscript proposals to the working group
 2. Present manuscript drafts to the working group
 3. Communicate the results of working group discussions to the authors, follow-up with requested edits and changes and submissions
- 2020 – 2022 Publications Working Group
COPDGene, 10 members
1. Review and approve ancillary study proposals
 2. Review and approve manuscript proposals
 3. Review and approve manuscripts prior to submission
- 2019 – Present Clinical Translation Working Group
COPDGene, 10 members
1. Review, propose and conduct analyses for publications directed at practical and complex redefinitions of Chronic Obstructive Pulmonary Disease
- 2020 - Present Co-Chair COVID-19 Working Group
COPDGene, 20-50 investigators
1. Coordinating work on COVID-19 and COPD to avoid duplication and conflicts among investigators.
 2. Develop new ancillary studies to evaluate COVID-19 expression and impact in patients with COPD.
 3. Help define the approach COPDGene should use to analyze the long-term impact of COVID-19 infection as we continue to follow COPDGene subjects post-pandemic.
- 2014 Chair Enhanced Communications Working Group
COPDGene, 11 members
1. Develop plans for use of modern communication techniques, social networking etc appropriate for COPDGene investigation, study management, development of manuscripts etc.
 2. Problems with communication that are to be addressed;
 - 1) People dislike conference calls
 - 2) There has been duplicate effort in some instances
 - 3) Bring new investigators up to speed is not straight forward
 - 4) Things that happen that other investigators are unaware of

LOCAL ACTIVITIES:

Awards Local

- 2012 Miriam Orleans Graduate Research Assistance Fund
Project support for “Multi-State Spatial Clustering of COPD Mortality”

Activities Local

- 2023 Kempe Summer Institute, mentor

	Mentor 5 participants one on one in brief (20 minute) sessions
2022	Kempe Summer Institute, mentor Mentor 5 participants one on one in brief (20 minute) sessions
2022 – present	Scientific Review Council, HB21-1317 “CONCERNING THE REGULATION OF MARIJUANA FOR SAFE CONSUMPTION, AND, IN CONNECTION THEREWITH, MAKING AN APPROPRIATION.” Role: Epidemiologist as specified in the legislation
2021	Kempe Summer Institute, mentor Mentor 5 participants one on one in brief (20 minute) sessions
2020	Kempe Summer Institute, mentor Mentor 5 participants one on one in brief (20 minute) sessions
2018	Kempe Summer Institute, mentor Mentor 5 participants one on one in brief (20 minute) sessions
2018	Institute of Cannabis Research, Colorado State University – Pueblo ICR2018 abstract reviewer
2017	Kempe Summer Institute, mentor Mentor 5 participants one on one in brief (20 minute) sessions
2007 - 2010	American Lung Association, Colorado COPD Coalition
2005 – Present	Denver Regional Science Fair judge Evaluate student projects and provide feedback on improvements of their work

Invited Speaker Local:

2021	Broussard Lab for Sleep and Metabolism Colorado State University “Cannabis and Sleep”
2021	Chronomaniac Sleepyhead Journal Club University of Colorado Anschutz Medical Campus “Cannabis and Sleep”
2018	Cannabis OutReach & Education Network, CORE Conference Boulder, Colorado “Update on Cannabis and Sleep”
2017	Brain Injury Alliance of Colorado, 33 rd Annual Conference Denver, Colorado “Cannabis as a Therapeutic Agent”
2016	Cannabis OutReach & Education Network, CORE Conference Denver, Colorado “Cannabis and Sleep”
2013	University of Colorado, Department of Endocrinology, EXAM meeting “The Diabetic Lung in Smokers”
2013	Colorado State University Research Colloquium, Cardiovascular Research at CSU:

Molecules, Models and Mankind
"Smoking and Sub-clinical Atherosclerosis"

2012 Division of Occupational and Environmental Health Sciences, National Jewish Health
"History of Occupational Exposure to Dust and Fumes is Associated with a History of Cardiovascular Disease in COPD Subjects"

2011 Colorado Health GIS Users Group
"A Spatial Analysis of COPD in Colorado"

2009 American Lung Association, Colorado
"Spatial Clustering of COPD Related Hospitalizations"

2009 Sciences and Cultural Foundations District, Co-Presenter
"Monitoring and Evaluation"

UNIVERSITY SERVICE:

University of Colorado:

2021-Present	Member	Scientific Review Council HB21-1317
2021	CSPH Representative,	PreHealth day
2021	Member	CoSPH Gender Equity in Academia Workgroup
2019	Member	CoSPH Strategic Planning Process - Research Workgroup
2019	Member	CoSPH Strategic Planning Process - School as a Unit
2018-Present	Member	Student travel award grant review committee
2017-Present	Senator	Faculty senator representing the department of epidemiology
2017	Member	MS/PhD Admissions Committee
2015	Member	MPH Admissions Committee
2014	Member	MPH Admissions Committee
2009	Member	Dean's CEPH Self Study Committee
2008	Member	Student Grievance Policy Writing Committee

Teaching:

2021	SOM, Fall Semester, Mentored Scholarly Activity lecture, Research Methods 101
2021	CSPH, Fall Semester, Chronic Disease Epidemiology (Chronic Obstructive Pulmonary Disease)
2021	CSPH, Fall Semester, Substance Use Disorders (Cannabis Epidemiology)
2021	SOM, Fall Semester, Mentored Scholarly Activity lecture, Research Methods 101
2020	CSPH, Fall Semester, Substance Use Disorders (Cannabis Epidemiology)
2020	
2018	CSPH, Fall Semester, Chronic Disease Epidemiology (Chronic Obstructive Pulmonary Disease)
2018	Colorado Summer Institute in Biostatistics (Cannabis Epidemiology)
2017	CSPH, Fall Semester, Chronic Disease Epidemiology (two lectures, Chronic Obstructive Pulmonary Disease and Modern Cannabis Use)
2017	CSPH, Summer Semester, PUBH 6955: MPH Capstone Course (lead small group discussion)
2016	CSPH, Chronic Disease Epidemiology (single lecture, Chronic Obstructive Pulmonary Disease)
2015	CSPH, Chronic Disease Epidemiology (single lecture, Chronic Obstructive Pulmonary Disease)
2015	CSPH, Advanced Epidemiology (Clustering of Cannabinoids using PCA and LCA)
2014	CSPH, 7911 Directed Study; "Data management and sample mapping for storage and retrieval", 2 doctoral students
2014	CSPH, Chronic Disease Epidemiology (Chronic Obstructive Pulmonary Disease)
2014	CSPH, Advanced Epidemiology (two lectures)

2013	CSPH, Chronic Disease Epidemiology (Chronic Obstructive Pulmonary Disease)
2012	CSPH, Chronic Disease Epidemiology, co-taught with John Hokanson (Chronic Obstructive Pulmonary Disease)
2010	CSPH, Colorado School of Public Health; Introduction to Epidemiology (group discussion leader)

Teaching Assistant:

2006	University of Colorado Department of Epidemiology; Research Methods
2000	Tulane University Department of Biostatistics; Frontpage Programming

Advising:

2020-2021	Five MPH students
2019-2020	Five MPH students
2018-2019	Four MPH students
2017-2018	Four MPH students
2016-2017	Four MPH students
2015-2016	Three MPH students
2014-2015	Four MPH students

Mentoring/Preceptor:

2020	Masters in Public Health
2019	Masters in Public Health Capstone Project Preceptor, Chelsey Thibodeaux
2018	Masters in Public Health Capstone Project Mentor 1 MPH awarded in 2018
2017	Masters in Public Health Capstone Project Mentor 2 MPHs awarded in 2017
2016	Masters in Public Health Capstone Project Mentor 2 MPHs awarded 2016
2015	Masters in Public Health Capstone Project Mentor 1 MPH awarded 2015
2010	Masters in Public Health Capstone Project Mentor 1 MPH awarded 2010

Dissertation Committee Membership

2019 – 2020	Melissa Lowe (MS Biostatistics) <i>“DISTINGUISHING HETEROGENEITY IN REPEATED EVENTS: APPLICATIONS OF ZERO-HEAVY FINITE MIXTURE MODELS TO THE IDENTIFICATION OF EXACERBATION-PRONE PATIENTS IN COPDGENE”</i> Colorado School of Public Health, Department of Biostatistics, University of Colorado Anschutz Medical Campus Role; Committee Member
2019 – 2020	Chandler James Zachary (MS Mathematical and Statistical Sciences) <i>“UNCERTAINTY QUANTIFICATION IN THE COPDGENE PROJECT”</i> University of Colorado Denver, Department of Mathematical and Statistical Sciences Role: Committee Member
2019 – 2022	Nicole Richmond (PhD Epidemiology) <i>“THE ASSOCIATION BETWEEN A MULTIDIMENSIONAL SMOKING BEHAVIOR INDEX AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE OUTCOMES”</i> Colorado School of Public Health, Department of Epidemiology, University of Colorado

Anschutz Medical campus
Role; Thesis Co-Advisor

- 2020 – 2021 Elizabeth Hope Haygood (MS Mathematical and Statistical Sciences)
“Clock Drawing Test and COPD, Using Machine Learning to Classify the Min-Cog”
University of Colorado Denver, Department of Mathematical and Statistical Sciences
Role: Committee Member
- 2020 – TBD Negar Janani (PhD Mathematical and Statistical Sciences)
“USING DATA-CONSISTANT INVERSION TO OVERCOME SPURIOUS INFERENCE IN
GENOME-WIDE ASSOCIATION STUDIES”
University of Colorado Denver, Department of Mathematical and Statistical Sciences
Role: Committee Member
- 2019 – 2023 Yisha Li (PhD Epidemiology)
“EXPLORING MULTI-MORBIDITY PATTERNS AND THEIR CONSEQUENCES AMONG
SMOKERS”
Colorado School of Public Health, Department of Epidemiology, University of Colorado
Anschutz Medical campus
Role: Co-Mentor
- 2019 – 2023 Amy Gelfand (PhD Epidemiology)
“DOES MARIJUANA USE EFFECT DIET QUALITY? DATA FROM THE CORONARY
ARTERY DEVELOPMENT IN YOUNG ADULTS (CARDIA) STUDY”
Health Sciences Program Rush University College of Health Sciences, Chicago, IL
Role: Committee Member
- 2021 – 2023 Erin Jorgensen DDS (MS Periodontology)
“COPD and Periodontal Disease”
University of Colorado School of Dental Medicine, Anschutz Medical Campus, Aurora, Co.
Role: Committee Member
- 2022 – TBD Evan Shapiro, BS, MIS (PhD Mathematical and Statistical Sciences)
“TBD”
University of Colorado Denver, Department of Mathematical and Statistical Sciences
Role: Committee Member

FUNDING:

ACTIVE

R01HL089897/U01HL089897 (Crapo)	07/01/17-07/31/22	6.0 calendar
NIH/NHLBI	\$239,102 (subcontract only)	
Genetic Epidemiology of COPD: Genome-Wide Analysis		

Major Goals: (1) Study the precise phenotypic characterization of COPD subjects using computed tomography, as well as clinical and physiological measures, to provide data that will enable the broad COPD syndrome to be decomposed into clinically significant subtypes. (2) Use genome-wide association studies to identify genetic determinants for COPD susceptibility. (3) Identify distinct genetic determinants that influence the development of emphysema and airway disease.

DOD (PR220150) LAU/Bowler (MPIs)	04/2023-03/2027
Incretin Mimetics and thiazolidinediones as Therapy Against Excessive Airway Mucus to Improve Lung Function in COPD Patients	
Role; COPDGene/SPIROMICS Consultant	

PENDING

NIH/NHLBI (1 R01 HL157217-A1) LAU/Bowler (MPIs)
FOXA2 agonists as therapy against excessive airway mucus in COPD
Role; COPDGene/SPIROMICS Consultant

06/2023-05/2028

NOT FUNDED

NIH/NHLBI (R21DA055725) Kinney (PD/PI)
Exploring Multi-Morbidity Medication Patterns and Their Consequences Among Smokers
Role; PI

06/01/2023-05/31/2025

Submitted to NIDDK (Shah)

01-09-2020

1.2 calendar

CANnabis, Glycemic control and DKA in Type 1 Diabetes (CANDID) study

Major Goals: This study will conduct a prospective, long-term observational study to assess glycemic control and DKA risk in cannabis using adults with T1D.

Submitted to NIDA (Janssen, Bowler)

01-Jan-2020 – 30-Jan-2022
(\$31,100) (Subcontract only)

1.0 calendar

Lung Injury from Daily THC Vaping

Major Goals: This proposal will assess emerging cannabis use behaviors, FDA medication replacement with cannabis and secondhand and thirdhand cannabis exposure.

Preparing Resubmission to NHLBI (Hoth)

Preparing Resubmission
\$393,590 (Subcontract only)

Link Between Impaired Neurocognition and COPD Heterogeneity (LINC)
Kinney Co-I

Major Goals: This proposed ancillary study of the NIH-funded COPDGene project will identify subgroups of smokers with Chronic Obstructive Pulmonary Disease (COPD) who are at increased risk for cognitive impairment.

OVERLAP

None

Previously awarded funding at the University of Colorado Denver:

1R01HL13313701A1 (Diaz)
NHLBI

06/20/2017-06/20/2022

3.6 calendar

\$115,120.00 (subcontract only, Kinney Site-PI)

CLINICAL Implications of bronchiectasis in smokers

Major Goals: Bronchiectasis is a permanent, abnormal airway enlargement and is common in chronic obstructive pulmonary disease (COPD), a smoking-related lung disease. We will develop, validate, and apply an imaging tool to detect and quantify bronchiectasis in a large group of smokers with and without COPD. We will then assess the associations between bronchiectasis and relevant measures of this disease including acute respiratory disease episodes (worsening shortness of breath, cough, or phlegm production), quality of life, and death.

1R01HL116473 (Washko, San Jose Estepar)
NIH/NHLBI

02/01/18-06/30/22

1.8 calendar

(\$33,600 subcontract only)

The Clinical Impact of Pulmonary Vascular Remodeling in Smokers.

The goal of this project is to develop and validate a computed tomographic based assessment of pulmonary vascular remodeling in smokers for clinical and epidemiologic investigation.

16FHHA81989

Colorado Department of Public Health and the Environment (Bowler and Kinney)

08/01/15-7/30/17

1.2 calendar

\$7,261 (subcontract only)

Cannabis Use for Sleep Disorders

Major Goals: To determine the prevalence and efficacy of marijuana for sleep disorders (insomnia), using an observational study that will examine the patterns of use and effects of marijuana for sleep disorders.

R01HL122464 (Washko) 12/01/14-11/30/18 3.6 calendar
NIH/NHLBI \$185,441 (subcontract only)

Skeletal Muscle, Subcutaneous Fat, and Clinical Outcomes in Smokers

The purpose of this investigation is to validate and apply computed tomographic measures of body composition in smokers. Image based assessments of the pectoralis and erector spinae muscles and adjacent subcutaneous fat as well as diaphragm muscle thickness will be explored in two large observational studies, COPDGene and ECLIPSE. Cross sectional and longitudinal associations with clinically relevant outcomes will be explored.

1R01HL116473 (Washko, San Jose Estepar) 02/01/13-01/31/18 1.2 calendar
NIH/NHLBI (\$33,600 subcontract only)

The Clinical Impact of Pulmonary Vascular Remodeling in Smokers.

The goal of this project is to develop and validate a computed tomographic based assessment of pulmonary vascular remodeling in smokers for clinical and epidemiologic investigation.

DP3DK108209 (Bornfeldt, Heinecke) 09/30/15 – 08/31/18 0.3 calendar
NIH/NIDDK \$18,000 (subcontract only)

This study address the goals of RFA-DK-14-017 by combining prospective studies of CVD risk in T1DM humans and highly mechanistic studies in a mouse model of T1DM. It is hypothesized that HDL-APOC3 associates with the risk of future CVD events in T1DM patients and that the underlying mechanism involves HDL dysfunction (e.g. reduced sterol efflux capacity) mediated by APOC3.

R01HL113029 (Snell-Bergeon) 06/01/13-05/30/17
NIH/NHLBI: Complications and Comorbidities of Type 1 Diabetes \$485,528

Major Goals: To determine the risk factors for the development of accelerated coronary artery disease, diabetic nephropathy, retinopathy and neuropathy in a cohort of adults with long-term type 1 diabetes.

0950101G (Nelson, PI) 2009–2011 \$198,000 (direct cost)

American Heart Association Grant in Aid

Association of the Lp-PLA2 gene with cardiovascular mortality among Hispanics and Non-Hispanic whites.

Kinney: Analyst (contract)

This study aims to investigate genetic variability in the Lp-PLA2 gene (PLA2G7) and its association with levels of Lp-PLA2. We will also investigate the genes longitudinal association with cardiovascular mortality.

1R01HL089897-01A1 (Crapo, PI) 2007 – 2013 \$25,000,000 (direct cost)
NIH, NHLBI

(1 of 2) Genetic Epidemiology of COPD

Kinney: Analyst Epidemiology Center (50% effort)

Genome wide association study of COPD and COPD subtypes.

1R01 HL089856-01A1 (Silverman, PI) 2007 – 2013 (linked to previous)
NIH, NHLBI

(2 of 2) Genetic Epidemiology of COPD: Genome-Wide Analysis

Kinney: Analyst Epidemiology Center (50% effort)

Genome wide association study of COPD and COPD subtypes.

R01 HL61753 (Rewers, PI) 1999- 2004 \$440,589 (direct cost)
NIH, NHLBI 2005 - 2009 \$1,936,864 (direct cost)

Subclinical Heart Disease in Type 1 Diabetes

Kinney: Analyst and Data Manger (50 % effort)

Determinants of progression of coronary artery calcium in type 1 diabetes.

RO1 HL079611-01 (Rewers, PI) 2004 – 2008 \$608,446 (direct cost)
NIH
Determinants of accelerated CVD in Type 1 Diabetes
Kinney: Analyst (50 % effort)
To identify factors leading to increased cardiovascular disease in type 1 diabetes.

PROPOSED

NIH R21
“Exploring multi-morbidity patterns and their consequences among smokers”
Principal Investigator; Gregory L Kinney (CU Anschutz)
Under Review 10/2022

NIDDK R01 DK129258-01
“CANNabis, Glycemic control and DKA in Type 1 Diabetes (CANDID) study”
Principal Investigator; Viral Shah (BDC), co-Investigator; Gregory L Kinney (CU Anschutz)
Reviewed 02/11/2021, not funded

Patty Brisben Foundation for Women’s Sexual Health
“Cannabis Use for Sexual Health; A pilot Investigation into Knowledge, Attitudes and Behaviors”
Principal Investigator; Gregory L Kinney (CU Anschutz)
Letter of Intent submitted 02/05/2020, Reviewed 2021, not funded

Colorado School of Public Health Inter-Institutional Research Collaboration:
“Cannabis Use for Sexual Health; A pilot Investigation into Knowledge, Attitudes and Behaviors”
Principal Investigators; Gregory L Kinney (CU Anschutz), Rose Grose (UNC)
Submitted 2019, revised 2019, re-submission requested (reduced funding) 2019, request withdrawn 2019

NIH Diabetes Research Center Pilot and Feasibility Grant Awards:
Diabetes Research Center Application, Pilot and Feasibility proposal
Trends and Severity of Cannabis Associated Emergency Room Visits for Diabetic Ketoacidosis »
One page application submitted 04/17/2019
Result; not reviewed

II. BIBLIOGRAPHY:

DISSERTATION / THESIS:

1. Kinney, G.L. "Chronic Obstructive Pulmonary Disease Mortality in Colorado; the role of environmental exposures, regionality and ethnicity", Doctoral dissertation completed October, 2, 2012. Colorado School of Public Health, Department of Epidemiology.

SOLICITED PUBLICATIONS:

1. Kinney G.L. and Baker E.H. "Type 2 Diabetes Mellitus and Chronic Obstructive Pulmonary Disease - Need for a Double Pronged Approach", [*Diabetes Management, Volume 4, Number 4, 2014*](#)
2. Kinney G.L. "Diabetes and the Lungs; where have we been and where are we going?", [*Lung Health Professional, Volume 5, Number 3, 2014*](#)

PEER REVIEW PUBLICATIONS:

<http://orcid.org/0000-0002-5218-4986>

Scopus Author ID: 7004157164

1. [Alcohol consumption and risk of stroke: a meta-analysis.](#) Reynolds K, Lewis B, Nolen JD, Kinney GL, Sathya B, He J. JAMA. 2003 Feb 5;289(5):579-88. PMID:12578491 PMCID: -
2. [Progression of coronary artery calcification in type 1 diabetes: the importance of glycemic control.](#) Snell-Bergeon JK, Hokanson JE, Jensen L, MacKenzie T, Kinney G, Dabelea D, Eckel RH, Ehrlich J, Garg S, Rewers M. Diabetes Care. 2003 Oct;26(10):2923-8. PMID: 14514603 PMCID: -
3. [Effect of type 1 diabetes on the gender difference in coronary artery calcification: a role for insulin resistance? The Coronary Artery Calcification in Type 1 Diabetes \(CACTI\) Study.](#) Dabelea D, Kinney G, Snell-Bergeon JK, Hokanson JE, Eckel RH, Ehrlich J, Garg S, Hamman RF, Rewers M; Coronary Artery Calcification in Type 1 Diabetes Study. Diabetes. 2003 Nov;52(11):2833-9. Erratum in: Diabetes. 2004 Aug;53(8):2177. PMID 14578303 PMCID: -
4. [Evaluating changes in coronary artery calcium: an analytic method that accounts for interscan variability.](#) Hokanson JE, MacKenzie T, Kinney G, Snell-Bergeon JK, Dabelea D, Ehrlich J, Eckel RH, Rewers M. AJR Am J Roentgenol. 2004 May;182(5):1327-32. PMID: 15100140 PMCID: -
5. [Measurement of abdominal fat by CT compared to waist circumference and BMI in explaining the presence of coronary calcium.](#) Snell-Bergeon JK, Hokanson JE, Kinney GL, Dabelea D, Ehrlich J, Eckel RH, Ogden L, Rewers M. Int J Obes Relat Metab Disord. 2004 Dec;28(12):1594-9. PMID: 15467773 PMCID:
6. [Hypertension prevalence, awareness, treatment, and control in an adult type 1 diabetes population and a comparable general population.](#) Maahs DM, Kinney GL, Wadwa P, Snell-Bergeon JK, Dabelea D, Hokanson J, Ehrlich J, Garg S, Eckel RH, Rewers MJ. Diabetes Care. 2005 Feb;28(2):301-6. PMID: 15677783 PMCID:
7. [Low plasma adiponectin levels predict progression of coronary artery calcification.](#) Maahs DM, Ogden LG, Kinney GL, Wadwa P, Snell-Bergeon JK, Dabelea D, Hokanson JE, Ehrlich J, Eckel RH, Rewers M. Circulation. 2005 Feb 15;111(6):747-53. Epub 2005 Feb 7. PMID: 15699257 PMCID:
8. [Awareness and treatment of dyslipidemia in young adults with type 1 diabetes.](#) Wadwa RP, Kinney GL, Maahs DM, Snell-Bergeon J, Hokanson JE, Garg SK, Eckel RH, Rewers M. Diabetes Care. 2005 May;28(5):1051-6. PMID: 15855566 PMCID:

9. [Increased platelet Fc receptor expression in diabetes is limited to those with type 2 disease and low LDL cholesterol levels.](#) Calverley DC, Baldermann LV, Heldt ML, **Kinney GL**, Hokanson JE. *Atherosclerosis*. 2006 Mar;185(1):173-6. Epub 2005 Jul 11. PMID: 16005880 PMCID:
10. [Soluble interleukin-2 receptor as a marker for progression of coronary artery calcification in type 1 diabetes.](#) Wadwa RP, **Kinney GL**, Ogden L, Snell-Bergeon JK, Maahs DM, Cornell E, Tracy RP, Rewers M. *Int J Biochem Cell Biol*. 2006;38(5-6):996-1003. Epub 2005 Oct 18. PMID: 16271309 PMCID:
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PEER REVIEW MANUSCRIPTS SUBMITTED OR UNDER REVISION:

Trajectory Modeling of Cannabis Use over 30 Years Identifies Five Unique Longitudinal Patterns. Amy Gelfand, Michael P. Bancks, Stephen Sidney, Jared Reis, **Gregory L Kinney**
Nature Scientific Reports, Under revision, 10/17/2023

Pulmonary vascular pruning is associated with CT-derived bronchiectasis progression
Wojciech R Dolliver MD, Wei Wang PhD, Pietro Nardelli PhD, Farbod N. Rahaghi MD, PhD, Diego J. Maselli MD, Andrew Yen MD, Kendra Young PhD, **Gregory Kinney** PhD, Raul San José Estépar³ PhD, Alejandro A. Diaz MD MPH
Submitted Chest, 10/2022

Incident Myocardial Infarction and All-Cause Mortality is Predicted by Coronary Artery Calcium in Heavy Smokers, Lindsey M Duca, Sharon M Lutz, Janet K Snell-Bergeon, Matt Budoff, Elizabeth Regan, Richard Casaburi, Barry Make, Edwin K Silverman, James Crapo, John E Hokanson, **Gregory L Kinney** for the COPD Gene Investigators
Preparing Resubmission , 12/18/2022

Chest CT Derived Low Fat-Free Mass Index and Mortality in COPD, Merry-Lynn N. McDonald*, Alejandro A. Diaz*, Erica Rutten, Sharon M. Lutz, Rola Harmouche, Raul San Jose Estepar, **Gregory Kinney**, John E. Hokanson, Barbara A. Gower, Emiel F.M. Wouters, Stephen I. Rennard, Craig P. Hersh, Casaburi R, Mark T. Dransfield, Edwin K. Silverman and George R. Washko
Submitted: European Respiratory Journal, 25 July 2017

Spatial Clustering of Chronic Obstructive Pulmonary Disease in Colorado
Gregory L Kinney MPH, PhD Deborah S.K. Thomas PhD, Lisa Cicutto PhD, Lee Newman PhD,
Sharon Lutz PhD, John E. Hokanson PhD
Submitted; preparing resubmission

Self-medication for high levels of anxiety in frequent cannabis users with disturbed sleep
Poojashree Tandukar, Karin Hoth, Megan Nemire, Jost Klawitter, Cristina Sempio, Mark Aloia
Gregory Kinney and Russell Bowler
Under revision; Chest

MANUSCRIPTS IN PROGRESS

Computed Tomographic Vascular Pruning and Mortality in Smokers with and without Chronic Obstructive Pulmonary Disease, Carolyn E. Come, Farbod N. Rahaghi, **Gregory L. Kinney**, Kendra A. Young, John Hughes, Bartolome R. Celli, Rachel K. Putman, Pietro Nardelli, John E. Hokanson, Raul San José Estépar, and George R. Washko for the COPDGene Investigators

A Qualitative Analysis of Cannabis Used for Sexual Health, Andrea L Kalfoglou, Rose Grose, Lindsay R Lock, Tessa Crume, Russel Bowler, **Gregory L. Kinney**
Target Journal; Human Sexuality

COVID-19 Avoidance Behaviors and Vaccination Status in Adults with Type 1 Diabetes, Catherine Chartier-Logan, MPH, Emma Eikerman, BS, Haley Wise, BS, Emily Malecha, BS, **Gregory L. Kinney**, PhD, MPH, Janet K Snell-Bergeon, PhD, MPH
Target Journal, Diabetes Care

Fetal exposure to cannabis and childhood metabolic outcomes: The Healthy Start study, Brianna F. Moore, Katherine A Sauder, Allison L. B. Shapiro, Tessa Crume, **Gregory L. Kinney**, Dana Dabelea
Target Journal, Diabetes Care

Self-Titration Strategies for Cannabis Use Result in Pharmacologically Relevant Dose Timing, Lu Vy, Erin Austin, Madeline Morris, Jost Klawitter, Cristina Sempio, Russel P Bowler and **Gregory L Kinney**
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Measuring complex cannabis use in the context of disrupted sleep, **Gregory L Kinney**, Madeline Morris, Sheila Tsai, Aaron Dunham, Jost Klawitter, Cristina Sempio, Russel P Bowler
Target Journal; Sleep

OTHER PUBLICATIONS:

1. [2007 Colorado Chronic obstructive pulmonary disease \(COPD\) Surveillance Report](#), Ryan McGhan, Gregory L. Kinney, Colorado Department of Public Health and Environment/American Lung Association
2. [Potential Exposure-Related Human Health Effects of Oil and Gas Development: A Literature Review \(2003-2008\) and White Paper](#) Roxana Witter, MD, MSPH, Kaylan Stinson, MSPH, Holly Sackett, MSPH, Stefanie Putter, BA, Gregory Kinney, MPH, Daniel Teitelbaum, MD, Lee Newman, MD, MA, [Natural Resources Defense Council](#) under contract with University Physicians, Inc., University of Colorado Denver, Colorado School of Public Health

ABSTRACTS (presented at national or international meetings):

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