



MS 204 Guide to Sara Ann Barton's Lithium and Trace Metal Research Papers (Created April 4 - November 8, 2015)

Sarah Ann Barton

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MS 204 Sara Ann Barton lithium and trace metals research

Inventory 2019 June 26 – ASD

Notes: Some materials are in Spanish. Items were numbered and reboxed in the order in which they were donated. Abbreviations were spelled out in full in the inventory to aid text searches.

Box 1 Folder 1: Techniques for measurement of trace metals in water, etc.; articles, reprints, literature for laboratory equipment

Folder 2: Trace metals – for Chile work

Folder 3: Cardiovascular effects of lithium

Folder 4: Lithium – EKGs, Ebstein anomaly, cardiovascular disease

Folder 5: Other diseases effected by lithium

Folder 6: Renal and urinary effects from lithium and trace metals

Folder 7: Pharmacology and toxicology of lithium

Folder 8: Neurology, mental disease, neurophysiology, neurobiology of lithium

Folder 9: Trace metals, their interactions and health

Folder 10: Cancer effects from lithium and trace metals

Folder 11: Trace metals and drinking water

Folder 12: Thyroid and diabetic (endocrine) effects of lithium

Folder 13: Aluminum

Folder 14: Arsenic

Folder 15: Cadmium and chromium

Folder 16: Fluorides

Folder 17: Magnesium and manganese

Folder 18: Nitrates, nitrites, etc.

Folder 19: Selenium

Folder 20: Sodium

Folder 21: Zinc

Folder 22: Copper

Folder 23: Trace metals – literature searches on lithium, arsenic, and trace metals

Folder 24: Unclassified lithium papers

Folder 25: Lithium (more papers)

Folder 26: Metals and cardiovascular disease

Folder 27: Water standards and unit conversion cart

Folder 28: Man and biosphere

Box 2 Folder 1: Lithium – EPA-funded trace metal project in Chile.

Folder 2: Trace elements and the environment proposal – submitted to M[?] and Biosphere

Folder 3: Lithium project organization

Folder 4: Sample analysis trace metal values, raw data

Folder 5: Dr. Schull statistical analysis of trace metal (lithium) values in individuals and families

Folder 6: Water samples

Folder 7: Water sample questionnaires – foods grown

Folder 8: ENDESA

Folder 9: Cow and goat sample

Folder 10: 24-hour urine collections

Folder 11: Schoolchildren urines – instructions to teachers, data sheet, consent form

Folder 12: Questionnaires completed for each school child urine sample, northern Chile, 1979

Folder 13: Schoolchildren questionnaires at time collected urine samples that were analyzed for lithium and other trace metals, 1979, part I of II

Folder 14: Schoolchildren questionnaires at time collected urine samples that were analyzed for lithium and other trace metals, 1979, part II of II

Folder 15: Instructions for hospital samples

Folder 16: Hospital data sheet

Folder 17: Infant cord blood data sheet, informed consent

Folder 18: Maternal samples data sheet, consent form

Folder 19: Questionnaires administered to recently delivered mothers from whom blood, breast milk, and urine were collected for whom cord blood samples were collected from their recently

delivered babies. Hospital Juan Noé, Arica, Chile, 1979. All samples are analyzed for lithium and other trace metals

Folder 20: Crops/food

Folder 21: Statistics, hospital/death

Folder 22: Statistics collected November 1979, northern Chile

Folder 23: Data collection sheets, library, SNS

Folder 24: Colleagues sample collection and analysis for lithium and other known metals in northern Chile

Folder 25: Lithium project Texas

Box 3 Folder 1: KEEP THESE part I – very important scientific publications about naturally occurring lithium and other trace metals in northern Chile . . .

Folder 2: KEEP THESE part II

Folder 3: Geología de las hojas copiapó y ojos del salado (1968); Exploración de minerales radioactivos en Chile (1964)

Folder 4: Arsenic, Antofagasta, Chile

Folder 5: Trace metal reprints – arsenic

Folder 6: Arsenic

Folder 7: Dr. Ronald Barr, McMaster University, Hamilton, Ontario, Canada, colleague (?) trace metals, 1990

Folder 8: Jujuy, Argentina, colleague José Dipierri

Folder 9: José Dipierri, Jujuy, Argentina, colleague on trace metals study

Folder 10: Jujuy, Argentina

Folder 11: Instituto Nacional de Estadísticas, I Region, Arica-Iquique – Informativo estadístico regional No. 12, primer semestre 1979

Folder 12: Tabla No. 1, Controles y consultas efectuadas por medico segun programa por areas y regiones SNS, año 1978; sheets of data?

Folder 13: Vital statistics, circa 1978

Folder 14: Texas and Chile, geology, water basins

Folder 15: Trace metals - Aguascalientes