

WILLIAM L. JOHNSTON COLLECTION

Series 4: Research Activities

- Accession No.: 2006.27.42-4
- Volume: ca. 7 linear feet (6 record storage cartons, 1 document box, 1 oversize flat box)
- Contents: Raw data, data analysis, notes, working papers, and other material documenting WLJ's research activities. Folders for specific studies are grouped alphabetically by project title or study topic except "Project I" is at the beginning and the 1986–87 follow-up study is at the end. Within each group, arrangement varies (numerical, chronological, and/or as found). Groupings and labels follow WLJ's identification where possible; however, much of the material was loose and unlabeled.¹
- The Kelso and Vorro subseries, found after the material for specific studies, consists primarily of correspondence and working material that was boxed separately from the project material. Often covering several topics at once, the material sheds additional light on WLJ's working relationship with these two longtime collaborators.
- Dates: 1973–2003 (some reference material dated earlier)
- Processing Notes: In general, folders were identified in keeping with WLJ's original folder labels. Where materials were found loose, clues such as headings on informed consent forms or data analysis sheets were used to identify the relevant study. In some cases, it appears that the data batches were moved around and sorted in different ways, according to the various analyses being conducted. This was especially true of the early interexaminer reliability studies. Researchers interested in data for a particular study are advised to check the folders for related studies.
- Informed consent forms were removed and destroyed when found; samples were retained (with names blacked out). Photocopies (e.g., of tabulation sheets) were discarded unless distinguished by additional markings.
- <21> indicates materials from original Box 21, a "drop box" of raw data, working papers, and other materials that family members initially set aside to be discarded, then changed their minds. The contents were mixed, with little evidence of original order. The items were minimally processed (paper clips removed, etc.) and moved to the relevant subseries to the extent that could be determined (which may not be correct, especially with closely related studies). No attempt was made to replace them in their original locations within groups.
- <Box No.> indicates items from "Misc." boxes similar in condition to Box 21 and handled in the same way.
- Access: **Subject names appear all through folders, on forms and notes. Researchers are required to sign confidentiality forms and satisfy the curator that adequate safeguards will be taken to ensure subject/patient privacy.**
- Handling: **CAUTION!** All the Johnston papers contain numerous small slips of paper that will fall out if folders are not kept flat on the table. Researchers must also be careful not to disturb the

¹ Researchers are asked to alert the Curator to needed corrections in the arrangement and description.

arrangement of groups and subgroups of material, indicated by folded acid-free paper enclosing each batch (see finding aid introduction).

Copyright and Permission to Publish:	Requests for permission to publish material from the collection should be directed to the Curator. The Museum does not claim to hold the copyright for all material in the collection; it is the responsibility of the researcher to identify and satisfy the appropriate copyright holders.
Suggested Citation:	William L. Johnston Collection, Museum of Osteopathic Medicine, (SM), Kirksville, Missouri [Box #:Folder #]
Related Material:	Professional Activities series (2): MORNET study materials Photos and Slides series (7) Publications and Presentations series (5) Mid-Century Researcher Materials (Museum collections relating to J.S. Denslow, I.M. Korr, and other KCOS researchers)

Box:Fdr	Description	Dates
RES1:1	Literature searches –see also specific studies	various
RES1:2	Research design and methodology (AOA research handbooks, articles on research design, and similar material from folder labeled “research Dad used for looking at own methods”)	1984–2001
	Project I – Interexaminer Reliability and Hypertension –see also Publication 12: Exploring musculoskeletal findings in the hypertensive patient (1977) –see also Hypertension, Interexaminer reliability, and Palpation studies	
RES1:3	Project I – Data: Student subjects (1 st year [MU]COM) – Follow-up: Notes	1977 Aug
RES1:4	Project I – Data: Student subjects (1 st year [MU]COM) (w/ Elkiss, Marino): Data sheets, notes, lists – 1 of 2	1976 Jun–Jul
RES1:5	Project I – Data: Student subjects (1 st year [MU]COM) (w/ Elkiss, Marino): Data sheets: Data sheets, lists, notes – 2 of 2	1976 Apr–May
RES1:6	Project I – Data: Student subjects (1 st year [MU]COM) – Repeat w/ 1974 subjects (w/ Elkiss, Marino)	1975 Dec–1976 Jun
RES1:7	Project I – Data: Daugherty Hypertension Clinic: Data sheets, lists, notes	1974 Oct, 1976 Jan
RES1:8	[Project I?]: Working papers. <21>	1976 Oct–1978
	CV Spine/Cervical Spine Injury	
RES1:9	CV spine – Data: Subjects E101–108: Data sheets, lists	1976 Dec
RES1:10	CV spine – Data: Subjects 22.23–22.34: Data sheets (photocopies), lists	1978 Apr
RES1:11	CV spine – Data: Subjects 22.35–22.45: Data sheets (photocopies), lists	1978 May
RES1:12	CV spine – Data: Subjects 23.1–22.10: Data sheets (photocopies)	1977 Jul
RES1:13	CV spine – Data: Subjects 24.1–24.11 and 3 others: Data sheets (photocopies), lists	1978 May
RES1:14	CV spine – Data: Subjects 25.1–25.12: Data sheets (photocopies), lists	1978 May
RES1:15	[CV spine?] – Correspondence	1978

Box:Fdr	Description	Dates
RES1:16	Cervical spinal injury: Report, abstract, notes	ca. 1981–85
RES1:17	Cervical spinal injury, Clinical management of (w/ Beal, Vorro, Hubbard) – Proposal: Working papers	ca. 1982 Jan–1985 May
RES1:18	Cervical spine injury – Data: Selected subjects: Data sheets, list. <21>	1983–85
RES1:19	Cervical spine injury – Data: Data analysis – Pilot	1986 May
RES1:20	Classification of tests – Working papers (w/ Dinnar, Beal, Goodridge, Mitchell, Upledger, McConnell) <11> –see also Publication 17: Classification of diagnostic tests used with osteopathic manipulation	ca. 1977–79
Electronic Skin Resistance (ESR)		
RES1:21	ESR – Data: Slides, data sheets	1975 Oct–1976 Aug
RES1:22	ESR – Data: Slides, graphs	1976 Jul–Sep
RES1:23-25	ESR – Data: Data sheets, photos, tabulations, slides. (3 folders) <21>	1975–77
RES1:26	[ESR] – Data on self	1975 – 1976
Hypertension		
RES1:27	Hypertension : General/background information	[ca. 1974]}
RES1:28	Hypertension – Data: [Clinical subjects] : Data sheets, lists, notes	1975 Jan–Nov
RES1:29	Hypertension – Data: [Clinical subjects] : Data sheets, lists, notes	1975 Jan–1976 Oct
RES1:30	Hypertension – Data: Subject lists	1976
RES1:31	Hypertension – Data: Selected subjects: Data sheets, notes	1976 Oct
RES1:32	Hypertension – Data: Subjects 101–120: Data sheets	1976 Oct
RES1:33	Hypertension – Data: Subjects 121–136: Data sheets	1976 Oct
RES1:34	Hypertension – Data: Subjects 137–177: Data sheets	1976 Dec
RES1:35	Hypertension – Data: Subjects 178–206: Data sheets	1977 Aug
RES1:36	Hypertension – Data: Subject lists	1977 Jul–Aug
RES1:37-38	Hypertension – Data: “Jim Hill – Students/77”: Data sheets (photocopies) (2 folders)	1977 Jun–Aug
RES1:39	[Hypertension] – Data: “Student exams C6T2T6 repeats”	1977 Jun–Aug
RES1:40	[Hypertension]: Working papers. <21>	1974–78
RES1:41	[Hypertension] – Data: Data sheets	1975 Dec–1976 Feb
Interexaminer Reliability –see also Project I, Interexaminer correlation/ Palpation		
RES2:1	Interexaminer reliability – Pilot: Working papers	1994 Jun–Jul
RES2:2	[Interexaminer reliability: Working papers]	[1995]
RES2:3	Interexaminer reliability: Proposal development working papers	ca. 2000 Apr–2002 Jan
RES2:4	Interexaminer reliability: References	1949, 1983–99
RES2:5	Interexaminer reliability and validity studies: Literature search	2002
RES2:6	Interexaminer reliability in gross motion testing: Working papers, abstract <21>	ca. 1978 Apr–1980 May
RES2:7	Interexaminer reliability [in gross motion testing]: Working papers (1970s data) <21>	2000 Feb
RES2:8	Location [of spinal segmental dysfunction]: Working papers –part of palpation studies?	ca. 1979–80
RES2:9	Lumbar curve – Data: Data sheets, lists, notes. <21> –part of inter-/intra-examiner reliability studies?	1979 Nov–Dec
RES2:10	Lumbar diagnosis (w/ Eland) – Data analysis, notes, correspondence	2000 Sep–2003 Mar

Box:Fdr	Description	Dates
RES2:11	Lumbar diagnosis (w/ Eland) – Data: Subjects 1–115: Data sheets – 1 of 2 (blue)	2001 Jun
RES2:12	Lumbar diagnosis (w/ Eland) – Data: Subjects 1–115: Data sheets – 2 of 2 (yellow)	2001 Jun
RES2:13	Myoelectric analysis of symmetric and asymmetric motion function at thoracic spinal segments (w/ Vorro) – Grants: Applications, correspondence	1981–83
RES2:14	Myoelectric – Grants (several w/ Vorro): Applications, correspondence	ca. 1979–81
RES2:15	Myoelectric – Data analysis notes, forms <16>	[1982–84]
RES2:16	[Myoelectric] – FOCUS proposal <16>	1985 Mar
Interexaminer Correlation in the Palpation of the Cervico-thoracic Spine (“Palpation”)		
RES2:17	Palpation – Grant: Application	1977 Sep
RES2:18-19	Palpation – Data: “Spring term 1978” (w/ Marino, Elkiss) (2 folders): Data sheets, lists, notes	1978 Apr–May
RES2:20	Palpation: Working papers. <21>	ca. 1981 Jul
Oversize	[Palpation]: Cloth records, copies (marked), notes – <i>see</i> Box RES8	1979 Jan–Feb
Oversize	[Palpation] – “#1 Winter Term/78 [<i>sic</i>]” : Cloth records, copies, notes – <i>see</i> Box RES8	1979 Jan
Oversize	[Palpation] – “#2 Winter Term/79” : Cloth records, copies – <i>see</i> Box RES8	1979 Jan
Oversize	[Palpation] – “#3 Winter Term/79” : Cloth records, copies – <i>see</i> Box RES8	1979 Jan–Feb
Oversize	[Palpation]: Cloth records – <i>see</i> Box RES8	1980 Jan–Oct
Oversize	[Palpation]: Photocopies of cloth records (marked) – <i>see</i> Box RES8	1980 Feb–Dec
Oversize	[Palpation]: Photocopies of cloth records (marked; “less than 4 examiners”) – <i>see</i> Box RES8	1980 Feb–Apr
RES2:21	Project VI MAOPS – Data: Data sheets, notes, photos	ca. 1975 Jan–1976
RES2:22	Project VI MAOPS – Data: Data sheets, notes,	1976 May
RES2:23	Stress – Proposals: Drafts, notes	1989 Sep–1990 Sep, n.d.
RES2:24	Stress – Working papers (inc. data sheets) <16>	1990–94
RES2:25	[Stress] – Protocol, data sheets, lists <16>	[1990]–2002
RES2:26	Symmetric and asymmetric bioelectric phenomena	[1977]
Thermograms of Skin (TSK) (w/ Kelso)* <i>–see also</i> Publication 26: Use of thermograms to support assessment of somatic dysfunction or effects of osteopathic manipulative treatment: Preliminary report (1982) <i>–see also</i> Visc....renal disease – Working papers		
RES2:27	TSK: Abstracts, working papers	ca. 1980–86
RES2:28	TSK – Data: Student data to establish standards <11>	1980 Oct–Dec
RES2:29	TSK – Data: Printouts w/ notes: [Student group]	[1981]
RES2:30	TSK – Data: Subjects 1–14: Data sheets	1991 Nov–1993 Jul
RES2:31	TSK – Data: Subjects 1–54: Data sheets, lists	1991 Nov–2002 Jul

* AFK letters from 1987 (see Kelso subseries) indicate that an equipment breakdown occurred in Oct 1987 during WLJ’s “Persistence of a C2T2T6 pattern in hypertensive patients” study before thermographic data could be obtained. The equipment was replaced, and patients were contacted to come back in for thermography. The original plan had been to conduct the two studies—long-term persistence of palpatory findings and themographic findings—simultaneously.

Box:Fdr	Description	Dates
RES2:32	[TSK] – Data analysis: Printouts	1980 Dec, 1983 Apr–May
RES2:33	[TSK?] – Data analysis: Printouts	1980 Nov, 1981 Apr, Jun
RES2:34	[TSK?] – Data analysis: Printouts	1980 Nov, 1981 Jun
RES2:35	[TSK?] – Data analysis: Printouts	1981 Apr, Jun
RES2:36	[TSK?] – Data analysis: Printouts	1981 May
RES7	[TSK?] – Data analysis: Printouts (9 binders)	1980–83
Oversize	TSK – Data: Printouts, w/ notes <16> – <i>see</i> Box RES8	ca. 1980–83
Oversize	[TSK?] – Data: Printouts (loose, marked) – <i>see</i> Box RES8	1981
Oversize	“Thoracic protocol” – Data – <i>see</i> Box RES8	1978 Jul–Aug
RES2:37	Unified Record System (URS) – Working papers: Forms, correspondence, notes	ca. 1974 May–1975 Feb
RES2:38	Unified Record System (URS) – Working papers: Forms, correspondence, notes	ca. 1973 Jun–1976 Jan
<p>Viscerosomatic Reflexes in Renal Disease (“Renal”) (w/ Hollandsworth, Kelso) –<i>see also</i> Publication 32: Somatic manifestations in renal disease: A clinical research study (1987)</p>		
RES3:1	Visc....renal disease: Proposal	ca. 1980
RES3:2	[Visc....renal disease]: Data analysis worksheets	[1981]
RES3:3	Visc....renal disease: Notes	1983, n.d.
RES3:4	Visc....renal disease: Letter to A. Kelso re data analysis	1981 Jul 25
RES3:5	[Visc....renal disease] – Data: Cloth markings by WLJ	1987 Mar–Apr
RES3:6	[Visc....renal disease] – Data: Data sheets, lists from [Project I?]	1977–78
RES3:7	Visc....renal disease – Data: Data sheets, from selected subjects in C6T2T6 pattern/blood pressure project (AOA 1985)	1976–87
RES3:8	Visc....renal disease – Data: Data sheets, from selected subjects in C6T2T6 pattern/blood pressure project (AOA 1985), tabulations	1980–87
RES3:9	[Visc....renal disease] – Data: Data sheets, lists from [hypertension] study – McSwain Clinic	1976
RES3:10	[Visc....renal disease] – Data: Data analysis, lists, printouts, worksheets	ca. 1980–86
RES3:11-12	Visc....renal disease – Working papers (w/ Kelso) (2 folders) <i>Note:</i> Original folder label was “Summarizing Tsk clinical data” but contents relate to renal disease <12>	ca. 1980–84
RES3:13	Visc....renal disease – Data: Subjects 1–16: Cloth records, data sheets, photos, lab slips	1980 Nov–1981 May
RES3:14	Visc....renal disease – Data: Subjects 17–30: Cloth records, data sheets, photos, lab slips	1981 Apr–May
RES3:15	Visc....renal disease – Data: Subjects 31–38: Cloth records, data sheets, photos, lab slips	1981 May
RES3:16	Visc....renal disease – Data: Subjects 39–50: Cloth records, data sheets, photos	1981 May–Jun
RES3:17	Visc....renal disease – Data: Subjects 51–63: Cloth records, data sheets, photos, lab slips	1981 Jun
RES3:18	Visc....renal disease – Data: Subjects 64–80: Cloth records, data sheets	1981 Jun
RES3:19	Visc....renal disease – Data: Subjects 81–90: Cloth records, data sheets, photos, lab slips	1981 Jun, [1986]

Box:Fdr	Description	Dates
RES3:20	Visc....renal disease – Data: Subjects 91–104: Cloth records, data sheets	1981 Jun–Aug
RES3:21	Visc....renal disease – Data: Subjects 105–114: Cloth records, data sheets	1981 Aug
Follow-up Study (Association of a Pattern of Segmental Dysfunction at C6T2T6 with High Blood Pressure) (w/ Kelso)*		
RES3:22	Follow-up (hypertensive) study – Grant (#86-1-226): Application, approval, support materials	1985 Nov–1987 Jun
RES3:23	Follow-up study – Grant: Letter of intent, application (annotated), notes	ca. 1985 Oct–1986 Jun
RES3:24	Follow-up study – Grant (#86-1-226): Proposal for second year	1986 Nov
RES3:25-26	Follow-up study – Grants (#86-1-226 and 87-1-226): Proposal, reports, administrative paperwork, drafts (2 folders)	ca. 1986 Sep–1988 Dec
RES3:27	Follow-up study – Grant (#87-1-226): Final report for second year	1988 Dec 21
RES3:28	Follow-up study – Working papers <5>	ca. 1986 Apr–Oct
RES3:29	Follow-up study – Data: Data sheets from Renal Subject 64	1981, 1987
RES3:30	Follow-up study – Data: Tabulations 1986–1988	1988
RES3:31	Follow-up study – Data: Tabulations	1986–88
RES3:32	Follow-up study – Data: Tabulations	1986 Sep
RES3:33	[Follow-up study re-exam] – Data: Tabulations, notes	[1987]
RES4:1	Follow-up – Working papers: Tabulations, lists, draft reports, etc.	ca. 1987 Jul–1991 Apr
RES4:2	Follow-up – Data: Cloth records, data sheets, tabulations. Selected subjects SPAO06–41. <21>	1980–87
RES4:3	[Follow-up]– Data: Cloth records, data sheets. Selected subjects SPAO61–85. <21>	1983–87
RES4:4	Follow-up – Data: Cloth records, data sheets, tabulations. Selected subjects RRA207–244. <21>	1981–87
RES4:5	Follow-up – Data: Cloth records, data sheets, tabulations. Selected subjects RRA253–276. <21>	1981–87
RES4:6	Follow-up – Data: Cloth records, data sheets, tabulations. Selected subjects RRA282–304. <21>	1981–87
RES5:1-24	Follow-up study – Data: Subjects CSO01–237* : Data sheets, tabulation forms (24 folders)	1986 Sep–Dec
RES5:25-31	Follow-up study – Data: Subjects CSO01–237: Cloth records (8 folders)	1986 Sep–Dec
RES5:32-55	Follow-up study re-exam – Data: Subjects CSO01–237*: Data sheets, cloth records (24 folders)	1987 Mar–Jun
<p>Unidentified Similar material found together has been grouped within folders. Folder divisions are somewhat arbitrary; i.e., material in different folders may or may not be from different studies. There is considerable overlap with identified studies; some of the items included here may belong in those subseries, while others may represent a completely different study or data analysis.</p>		
RES6:1	Unidentified – Data: Edgewood Clinic: Data sheets <6>	1975 Aug–1976 Dec

* Folder says 239.

Box:Fdr	Description	Dates
RES6:2-3	Unidentified (hypertensive pattern, interexaminer correlation, ...) – Data: Data sheets, notes, tabulations (2 folders) <6>	1975 Mar–May
RES6:4	Unidentified – Data: Subjects MU1–17 and FU4–13 (some missing): Data sheets, tabulations <6>	1976 Feb–Mar
RES6:5	Unidentified – Data: Data sheets <6>	1976 Apr–Aug
RES6:6	Unidentified (palpation, correlation, C6T2T6, ...) – Data: Data sheets, lists, tabulations, miscellaneous <6>	ca. 1976 Aug–Oct
RES6:7	Unidentified – Data: Selected subjects: Data sheets. <21>	1980 May
RES6:8	Unidentified – Data: Data sheets, notes <21>	1974–85
RES6:9	Unidentified – Data: Data sheets (various) from co-researcher M. Gugel <16>	1989 Feb–1996 Nov
RES6:10	Unidentified: Working papers <21>	n.d., 1986 Apr
RES6:11	Unidentified (1 or more studies): Working papers <11>	ca. 1980–94
RES6:12	Unidentified: Misc. loose materials (Some may be teaching- and/or presentation-related, rather than research.)	n.d.
<p>Kelso, Albert F.</p> <p>–see also TSK, Renal, Follow-up studies –see also Publication 44: Changes in presence of a segmental dysfunction pattern associated with hypertension (“Persistence paper”)</p>		
RES6:13	Correspondence	1979, 1994, 2000–02
RES6:14	“Science and technology and the advance of osteopathic theory and practice in the past ten years” (speech made at AAO 50 th anniversary convocation, Cincinnati)	1987 Mar 27
RES6:15	Test protocols [for various studies]	1980 Nov–1987 May
RES6:16-17	Persistence paper, Parts 1 and 2: Drafts and working papers. (2 folders)	ca.1989 Aug–1994 Feb
RES6:18	Persistence paper, Part 3: Drafts and working papers.	1994 Jul–Aug
RES6:19	Persistence paper, Part 3: Drafts and working papers.	1994 Sep–Oct
RES6:20	Persistence paper, Part 3: Manuscript, w/ reviewers’ comments and revisions	1994 Nov–1995 Aug
RES6:21-22	Persistence paper, Parts 3 and 4: Drafts and working papers. (2 folders)	ca. 1994 Nov–1997 Oct
RES6:23	Persistence paper, Parts 3 and 4: Drafts and working papers.	ca. 1997 Nov–1999 May
RES6:24	Persistence paper, Part 3 (revised): Drafts, working papers, and photos	ca. 1999 May–Oct
RES6:25	Working papers from Follow-up and TSK studies. Includes info on equipment breakdown that delayed the studies.	ca. 1985 Dec–1988 May
RES6:26	Working papers from Follow-up and TSK studies. Includes info on equipment breakdown.	ca. 1987 Jun–1988 Jul
RES6:27	Working papers on various subjects. Includes copies of AFK correspondence with others.	ca. 1992 Dec–1994 Apr
RES6:28	Working papers on various subjects. Includes copies of AFK correspondence with others.	ca. 1993 Apr–May
<p>Vorro, Joseph</p> <p>–see also Myoelectric, Cervical spine injury studies</p>		
RES6:29	Notes on various subjects	1979–93
RES6:30	Misc. materials	various

Box:Fdr	Description	Dates
RES7	<i>see</i> TSK (above)	
RES8	Oversize research materials: TSK materials (2 sets) [Palpation] cloth records and copies (2 sets) Thoracic protocol Unidentified	1978-83