

## Andrew R Stephens

Clinical Instructor, Orthopaedic Surgery

### CLINICAL OFFICE (PRIMARY)

- **Orthopaedic Surgery**

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### Bio

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#### CLINICAL FOCUS

- Physical Medicine and Rehab

#### ACADEMIC APPOINTMENTS

- Clinical Instructor, Orthopaedic Surgery

#### PROFESSIONAL EDUCATION

- Residency: University of Rochester Physical Medicine and Rehabilitation Residency (2025) NY
- Medical Education: University of Utah School of Medicine (2021) UT

### Publications

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#### PUBLICATIONS

- **Rates of knee arthroplasty after genicular nerve ablation: A retrospective study utilizing a large national database.** *Interventional pain medicine*  
Chau, J., Potu, C., Anesi, T., Stephens, A.  
2026; 5 (1): 100728
- **Evaluating the Effectiveness of Transforaminal Epidural Steroid Injections for Lumbar Radiculopathy Due to a Herniated Nucleus Pulposus Utilizing PROMIS as an Outcome Measure** *AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION*  
Stephens, A. R., Shinaman, G. J., Jacques, C. L., El-Hassan, R., Patel, R. K.  
2026; 105 (1): 47-50
- **Rates of cervical spine surgery and repeat epidural injections after cervical transforaminal epidural steroid injections for patients with cervical radiculopathy utilizing a large national database.** *Interventional pain medicine*  
Stephens, A. R., El-Hassan, R., Rogerson, A.  
2025; 4 (4): 100651
- **Evaluating the effectiveness of 7-min basivertebral nerve ablation in treating vertebrogenic low back pain.** *Interventional pain medicine*  
Stephens, A. R., Wozniak, G. H., El-Hassan, R., Aktas, A. F.  
2025; 4 (4): 100714
- **Rates of lumbar vertebral body compression fracture after basivertebral nerve ablation: A retrospective study utilizing a large national database.** *Interventional pain medicine*  
Chau, J., Ghosh, D., Fox, S., Takashima, A. D., Stephens, A.  
2025; 4 (4): 100654

- **Rates of complications after cervical transforaminal epidural steroid injections for patients with cervical radiculopathy utilizing a large national database.** *Interventional pain medicine*  
Stephens, A. R., Rogerson, A., Patel, R. K., El-Hassan, R.  
2025; 4 (3): 100606
- **No major complications seen in a retrospective review of 1,018 cervical transforaminal epidural steroid injections.** *Interventional pain medicine*  
Wozniak, G. H., Rana, A. A., Stephens, A. R., El-Hassan, R., Laplante, B. L., Patel, R. K.  
2025; 4 (3): 100622
- **A retrospective single arm cohort study evaluating the efficacy of lumbar medial branch radiofrequency ablation using a multi-tined probe and perpendicular approach.** *Interventional pain medicine*  
Rachdi, O., Stephens, A., Cooper, A. N., Martin, B., Burnham, R., Conger, A. M., McCormick, Z. L., Burnham, T. R.  
2025; 4 (2): 100575
- **Decrease in opioid use and spinal interventions after basivertebral nerve ablation.** *Interventional pain medicine*  
Stephens, A. R., Aktas, A. F., El-Hassan, R.  
2025; 4 (2): 100594
- **Evidence of non-response bias in patient reported outcome measurement information system surveys.** *Interventional pain medicine*  
Stephens, A. R., Bender, N. R., El-Hassan, R., Patel, R. K.  
2025; 4 (2): 100588
- **The effectiveness of cervical medial branch radiofrequency neurotomy using a perpendicular approach with a three-tined probe: A single-arm, retrospective cohort study.** *Interventional pain medicine*  
Civitarese, D., Stephens, A., Curtis, T. M., Young, C., Ries, A. G., Cooper, A. N., Martin, B., Amatto, A., Burnham, R. S., Conger, A. M., McCormick, Z. L., Burnham, T. R.  
2025; 4 (1): 100572
- **Evaluation of fluoroscopically guided transforaminal epidural steroid injections for cervical radiculopathy utilizing patient reported outcome measurement information system as an outcome measure.** *Interventional pain medicine*  
Stephens, A. R., El-Hassan, R., Laplante, B. L., Patel, R. K.  
2025; 4 (1): 100556
- **The effectiveness of thoracic medial branch radiofrequency neurotomy using a three-tined electrode: A single-arm, retrospective cohort study.** *Interventional pain medicine*  
Sen, H., Cooper, A., Stephens, A., Martin, B., Burnham, R. S., Conger, A., McCormick, Z. L., Burnham, T. R.  
2025; 4 (1): 100563
- **Evaluating the Performance of an Automated Patient-Reported Outcomes Collection Platform in a Postoperative Hand Surgery Population** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Rogers, M. J., Nishimoto, J., Yoo, M., Presson, A. P., Stephens, A. R., Kazmers, N. H.  
2025; 50 (1): 100e1-100e10
- **Evaluating the effectiveness of interlaminar epidural steroid injections for cervical radiculopathy using PROMIS as an outcome measure.** *Interventional pain medicine*  
Stephens, A. R., Bender, N. R., Snyder, J. M., Patel, R. K., El-Hassan, R.  
2024; 3 (4): 100528
- **Radiation exposure during basivertebral nerve radiofrequency ablations.** *Interventional pain medicine*  
Stephens, A. R., Bender, N. R., El-Hassan, R., Aktas, A. F.  
2024; 3 (4): 100531
- **Evaluation of Fluoroscopically Guided Transforaminal Selective Nerve Root Sleeve Injections for Lumbar Spinal Stenosis With Radiculopathy Utilizing Patient Reported Outcome Measurement Information System as an Outcome Measure** *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*  
Stephens, A. R., El-Hassan, R., Patel, R. K.  
2024; 105 (8): 1458-1463
- **Pediatric Digit Replantation: A Nationwide Analysis of Failure Rate, Complications, and Potential Factors Affecting Failure.** *Journal of hand surgery global online*

- Garcia, B. N., Stephens, A. R., Wilkes, J., Kazmers, N. H.  
2024; 6 (2): 222-226
- **The impact of social deprivation on patient satisfaction in physical medicine and rehabilitation outpatient interventional spine and musculoskeletal medicine using the press Ganey outpatient medical practice survey.** *Interventional pain medicine*  
Stephens, A. R., McCormick, Z. L., Burnham, T. R., Conger, A.  
2023; 2 (3): 100276
  - **Risk of Total Wrist Arthrodesis Following Proximal Row Carpectomy: An Analysis of 1,070 Patients** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Zeidan, M., Garcia, B. N., Lu, C., Stephens, A. R., Chen, W., Kazmers, N. H., Sauer, B. C., Tyser, A. R.  
2023; 48 (2): 195e1-195e10
  - **The Effect of Social Deprivation on Patient Satisfaction in Otolaryngology Clinics** *ANNALS OF OTOTOLOGY RHINOLOGY AND LARYNGOLOGY*  
Redding, T. S., Stephens, A. R., Gurgel, R. K.  
2023; 132 (11): 1314-1320
  - **Minimizing Costs for Dorsal Wrist Ganglion Treatment: A Cost-Minimization Analysis** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Federer, A. E., Yoo, M., Stephens, A. S., Nelson, R. E., Steadman, J. N., Tyser, A. R., Kazmers, N. H.  
2023; 48 (1): 9-18
  - **Factors Associated With Unplanned Reoperation After 4-Corner Arthrodesis: A Study of 478 Wrists.** *Journal of hand surgery global online*  
Garcia, B. N., Lu, C., Chen, W., Stephens, A. R., Kazmers, N. H., Sauer, B. C., Tyser, A.  
2023; 5 (1): 1-5
  - **Evaluating opportunities for improved outpatient satisfaction in an interventional spine clinic: An analysis of Press Ganey Outpatient Medical Practice Survey responses.** *Interventional pain medicine*  
Stephens, A. R., McCormick, Z. L., Conger, A., Burnham, T.  
2022; 1 (4): 100143
  - **Scaphotrapeziotrapezoid Arthrodesis: A 10-Year Follow-up Study of Complications in 58 Wrists** *HAND-AMERICAN ASSOCIATION FOR HAND SURGERY*  
Rogers, M. J., Lu, C., Stephens, A. R., Garcia, B. N., Chen, W., Sauer, B. C., Tyser, A.  
2022; 17 (5): 919-925
  - **Evaluation of Factors Affecting Return to Work Following Carpal Tunnel Release: A Statewide Cohort Study of Workers' Compensation Subjects** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Anderson, J. T., Stephens, A. R., Haas, A. R., Ahn, N. U., Kazmers, N. H.  
2022; 47 (6): 544-553
  - **Recommendation of Surgery and Other Interventions Is Associated With Increased Patient Satisfaction With Orthopedic Outpatient Visits** *ORTHOPEDICS*  
Stephens, A. R., Steadman, J. N., Kazmers, N. H.  
2022; 45 (3): 187-+
  - **Evaluation of factors impacting patient satisfaction in a pediatric otolaryngology clinic** *INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY*  
Redding, T. S., Stephens, A. R., Kazmers, N. H., Park, A. H.  
2022; 156: 111122
  - **Cost Assessment of Plating Versus Tension Band Wiring Constructs for Treating Mayo Type 2A Olecranon Fractures** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Steadman, J. N., Stephens, A. R., Zhang, C., Presson, A. P., Kazmers, N. H.  
2022; 47 (4): 311-319
  - **Establishing the Substantial Clinical Benefit in a Non-Shoulder Hand and Upper Extremity Population for the QuickDASH and PROMIS Upper Extremity and Physical Function Computer Adaptive Tests** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Hubbard, J. C., Zhang, Y., Qiu, Y., Yoo, M., Stephens, A. R., Zeidan, M., Kazmers, N. H.  
2022; 47 (4): 358-+

- **Scaphotrapeziotrapezoid Arthrodesis: Systematic Review** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Stephens, A. R., Garcia, B. N., Rogers, M. J., Zhang, C., Himbert, C., McFarland, M. M., Presson, A. P., Kazmers, N. H., Tyser, A. R.  
2022; 47 (3): 218-+
- **Cost Implications of Varying the Surgical Setting and Anesthesia Type for Dorsal Wrist Ganglion Cyst Excision Surgery** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Steadman, J. N., Stephens, A. R., Wei, G., Presson, A. P., Kazmers, N. H.  
2022; 149 (2): 240E-247E
- **Evaluating Factors That Influence Patient Satisfaction in Otolaryngology Clinics** *ANNALS OF OTOTOLOGY RHINOLOGY AND LARYNGOLOGY*  
Redding, T. S., Keefe, K. R., Stephens, A. R., Gurgel, R. K.  
2023; 132 (1): 19-26
- **Evaluation of Risk Factors for Loss of Acceptable Alignment for Distal Radius Fractures That Are Nondisplaced or Minimally Displaced on Initial Presentation** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Souza, K. E., Kellam, P. J., Stephens, A. R., Kazmers, N. H.  
2022; 47 (1): 54-61
- **Optimizing Costs and Outcomes for Carpal Tunnel Release Surgery A Cost-Effectiveness Analysis from Societal and Health-Care System Perspectives** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*  
Rogers, M. J., Stephens, A. R., Yoo, M., Nelson, R. E., Kazmers, N. H.  
2021; 103 (23): 2190-2199
- **The minimal clinically important difference of the Patient-Reported Outcomes Measurement Information System (PROMIS) physical function and upper extremity computer adaptive tests and QuickDASH in the setting of elbow trauma.** *JSES international*  
Randall, D. J., Zhang, Y., Harris, A. P., Qiu, Y., Li, H., Stephens, A. R., Kazmers, N. H.  
2021; 5 (6): 1132-1138
- **Comparison of Complication Risk Following Trigger Digit Release Performed in the Office Versus the Operating Room: A Population-Based Assessment** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Kazmers, N. H., Peacock, K., Nickel, K. B., Stephens, A. R., Olsen, M., Tyser, A. R.  
2021; 46 (10): 877-+
- **Establishing the Minimal Clinically Important Difference for the PROMIS Upper Extremity Computer Adaptive Test Version 2.0 in a Nonshoulder Hand and Upper Extremity Population** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Kazmers, N. H., Qiu, Y., Yoo, M., Stephens, A. R., Zeidan, M., Zhang, Y.  
2021; 46 (10): 927.e1-927.e10
- **Evaluating the Impact of Social Deprivation on Mid-Term Outcomes Following Distal Radius Open Reduction Internal Fixation.** *Journal of hand surgery global online*  
Zeidan, M., Stephens, A. R., Zhang, C., Presson, A. P., Kazmers, N. H.  
2021; 3 (5): 235-239
- **Guided Growth for Tibial Recurvatum** *STRATEGIES IN TRAUMA AND LIMB RECONSTRUCTION*  
Stevens, P. M., Stephens, A., Rothberg, D.  
2021; 16 (3): 172-175
- **Prognostic Factors Affecting Long-Term Outcomes After Elbow Dislocation: A Longitudinal Cohort Study.** *Journal of hand surgery global online*  
van der Horst, A. S., Stephens, A. R., Wei, G., Presson, A. P., Tashjian, R. Z., Kazmers, N. H.  
2021; 3 (5): 260-265
- **Evaluating the Safety of the Hand Surgery Procedure Room: A Single-Center Cohort of 1,404 Surgical Encounters** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Stephens, A. R., Presson, A. P., Jo, Y. J., Tyser, A. R., Wang, A. A., Hutchinson, D. T., Kazmers, N. H.  
2021; 46 (7): 623.e1-623.e9
- **Comparison of direct surgical cost for humeral shaft fracture fixation: open reduction internal fixation versus intramedullary nailing.** *JSES international*  
Stephens, A. R., Presson, A. P., Zhang, C., Orleans, B., Martin, M., Tyser, A. R., Kazmers, N. H.  
2021; 5 (4): 734-738

- **Evaluating the impact of social deprivation on Press Ganey® Outpatient Medical Practice Survey Scores** *HEALTH AND QUALITY OF LIFE OUTCOMES*  
Stephens, A. R., Potter, J. W., Tyser, A. R., Kazmers, N. H.  
2021; 19 (1): 167
- **Inter-specialty variation of the Press Ganey Outpatient Medical Practice Survey** *MEDICINE*  
Stephens, A. R., Presson, A. P., Chen, D., Tyser, A. R., Kazmers, N. H.  
2021; 100 (12): e25211
- **A Comparison of Open Carpal Tunnel Release Outcomes Between Procedure Room and Operating Room Settings.** *Journal of hand surgery global online*  
Stephens, A. R., Tyser, A. R., Presson, A. P., Orleans, B., Wang, A. A., Hutchinson, D. T., Kazmers, N. H.  
2021; 3 (1): 12-16
- **Evaluation of factors driving cost variation for distal humerus open reduction internal fixation.** *JSES international*  
Zeidan, M., Stephens, A. R., Zhang, C., Presson, A. P., Tyser, A. R., Kazmers, N. H.  
2021; 5 (1): 18-23
- **Evaluating the performance of PROMIS and QuickDASH instruments in an intercollegiate Division 1 athlete population** *JOURNAL OF SHOULDER AND ELBOW SURGERY*  
Tyser, A. R., Allen, C. M., Presson, A. P., Stephens, A. R., Petron, D. J., Walsh, W., Kazmers, N. H.  
2021; 30 (1): 158-164
- **The Impact of Social Deprivation on Orthopaedic Outpatient Satisfaction Using the Press Ganey Outpatient Medical Practice Survey** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*  
Stephens, A. R., Tyser, A. R., Kazmers, N. H.  
2020; 28 (24): E1111-E1120
- **Comparison of Magnetic Resonance Imaging and Ultrasound Evaluations of Zone II Partial Flexor Tendon Lacerations A Cadaveric Study** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Stephens, A. R., Buterbaugh, K. L., Gordon, J. A., Steinberg, D. R., Bozentka, D. J., Khoury, V., Kazmers, N. H.  
2021; 40 (8): 1651-1656
- **Cost Implications of Varying the Surgical Setting and Anesthesia Type for De Quervain Release Surgery** *JOURNAL OF WRIST SURGERY*  
Stephens, A. R., Yu, Z., Presson, A. P., Tyser, A. R., Kazmers, N. H.  
2020; 09 (04): 289-297
- **Volar Locked Plating Versus Closed Reduction and Casting for Acute, Displaced Distal Radial Fractures in the Elderly: A Systematic Review and Meta-Analysis of Randomized Controlled Trials** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*  
Stephens, A. R., Presson, A. P., McFarland, M. M., Zhang, C., Sirmio, K., Mulders, M. A. M., Schep, N. W. L., Tyser, A. R., Kazmers, N. H.  
2020; 102 (14): 1280-1288
- **Risk of Total Wrist Arthrodesis or Reoperation Following 4-Corner Arthrodesis or Proximal Row Carpectomy for Stage-II SLAC/SNAC Arthritis A Propensity Score Analysis of 502 Wrists** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*  
Garcia, B. N., Lu, C., Stephens, A. R., Kazmers, N. H., Chen, W., Leng, J., Li, L., Sauer, B. C., Tyser, A. R.  
2020; 102 (12): 1050-1058
- **The Minimal Clinically Important Difference of the PROMIS and QuickDASH Instruments in a Nonshoulder Hand and Upper Extremity Patient Population** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Kazmers, N. H., Qiu, Y., Yoo, M., Stephens, A. R., Tyser, A. R., Zhang, Y.  
2020; 45 (5): 399+
- **Evaluating opportunities for improved orthopedics outpatient satisfaction: an analysis of Press Ganey® Outpatient Medical Practice Survey responses** *JOURNAL OF ORTHOPAEDIC SURGERY AND RESEARCH*  
Stephens, A. R., Rowberry, T. J., Tyser, A. R., Kazmers, N. H.  
2020; 15 (1): 28
- **Effects of Baseline Opioid Medication Use on Patient-Reported Functional and Psychological Impairment Among Hand Clinic Patients** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Kazmers, N. H., Stephens, A. R., Tyser, A. R.  
2019; 44 (10): 829-839

- **Traction Time, Force and Postoperative Nerve Block Significantly Influence the Development and Duration of Neuropathy Following Hip Arthroscopy** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*  
Bailey, T. L., Stephens, A. R., Adeyemi, T. F., Xu, Y., Presson, A. P., Aoki, S. K., Maak, T. G.  
2019; 35 (10): 2825-2831
- **Evaluating the Utility of Follow-up Radiographs for Isolated Radial Head Fractures Undergoing Initial Nonoperative Treatment** *JOURNAL OF ORTHOPAEDIC TRAUMA*  
Fenoglio, A. K., Stephens, A. R., Zhan, C., Presson, A. P., Tyser, A. R., Kazmers, N. H.  
2019; 33 (8): E291-E295
- **Cost Implications of Varying the Surgical Setting and Anesthesia Type for Trigger Finger Release Surgery** *PLASTIC AND RECONSTRUCTIVE SURGERY-GLOBAL OPEN*  
Kazmers, N. H., Stephens, A. R., Presson, A. P., Yu, Z., Tyser, A. R.  
2019; 7 (5): e2231
- **Comparison of Direct Surgical Costs for Proximal Row Carpectomy and Four-Corner Arthrodesis** *JOURNAL OF WRIST SURGERY*  
Kazmers, N. H., Stephens, A. R., Presson, A. P., Xu, Y., Feller, R. J., Tyser, A. R.  
2019; 8 (1): 66-71
- **Revisiting the Anterior Infrapiriform Spine: Is the Subspine Pathologic? A Clinical and Radiographic Evaluation** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*  
Karns, M. R., Adeyemi, T. F., Stephens, A. R., Aoki, S. K., Beese, M. E., Salata, M. J., Maak, T. G.  
2018; 476 (7): 1494-1502
- **Polyethylene Glycol Based Changes to  $\beta$ -Sheet Protein Conformational and Proteolytic Stability Depend on Conjugation Strategy and Location** *BIOCONJUGATE CHEMISTRY*  
Draper, S. R. E., Lawrence, P. B., Billings, W. M., Xiao, Q., Brown, N. P., Becar, N. A., Matheson, D. J., Stephens, A. R., Price, J. L.  
2017; 28 (10): 2507-2513
- **Hybrid molecular/enzymatic catalytic cascade for complete electro-oxidation of glycerol using a promiscuous NAD-dependent formate dehydrogenase from *Candida boidinii*** *CHEMICAL COMMUNICATIONS*  
Abdellaoui, S., Chavez, M., Matanovic, I., Stephens, A. R., Atanassov, P., Minter, S. D.  
2017; 53 (39): 5368-5371
- **Conjugation Strategy Strongly Impacts the Conformational Stability of a PEG-Protein Conjugate** *ACS CHEMICAL BIOLOGY*  
Lawrence, P. B., Billings, W. M., Miller, M. B., Pandey, B. K., Stephens, A. R., Langlois, M. I., Price, J. L.  
2016; 11 (7): 1805-1809
- **Recombinant oxalate decarboxylase: enhancement of a hybrid catalytic cascade for the complete electro-oxidation of glycerol** *CHEMICAL COMMUNICATIONS*  
Abdellaoui, S., Hickey, D. P., Stephens, A. R., Minter, S. D.  
2015; 51 (76): 14330-14333