Curriculum Vitae

of

RUSSELL E. DARNELL, Ph.D., Ed.D. MBA, BSE, C.A.I.

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ENGINEERING CONSULTANT

PROJECT ENGINEER

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INTERNATIONAL CONSULTANT

ENGINEER

COURT-QUALIFIED EXPERT WITNESS

AREAS OF EXPERTISE:

MOTORCYCLE ACCIDENTS ATV ACCIDENTS AUTOMOBILE ACCIDENTS TRUCK ACCIDENTS TOWING ACCIDENTS RV ACCIDENTS TIRE-RELATED ACCIDENTS MARINE ACCIDENTS REPAIR FRAUD MACHINERY FIRES- SOURCE AND CAUSE PATENT CASES DIESEL ENGINES

SERVICES PROVIDED:

REVIEW AND ADVISE ON CASE MERITS DEFENSE AND PLAINTIFF CASES ACCEPTED ACCIDENT RECONSTRUCTION TRIAL PREPARATION VIDEO AND PHOTO ANALYSIS EXHIBIT PREPARATION TRIAL TESTIMONY DEPOSITION TESTIMONY MEDIATION TESTIMONY RESEARCH AND DEVELOPMENT TRAINING ENGINEERING MANAGEMENT

CONSULTING RATE SHEET

RESEARCH: \$250.00 per hour TRAVEL: \$250.00 per hour TESTIMONY: \$250.00 per hour

EDUCATION:

- Bachelor of Science Engineering, California Coast University, Santa Ana, CA.
- Ph.D. Engineering Management, California Coast University.
- Doctor of Education (Ed.D.), California Coast University.
- MBA, California Coast University.

LICENSES and SOCIETIES:

Member of S.A.E., A.S.M.E., S.N.A.M.E., Member Forensic Expert Witness Association (FEWA). Member American Boat & Yacht Council (ABYC). Chief Instructor for The Specialty Vehicle Institute of America (S.V.I.A.). Licensed Master Research Technician, European Auto Union. Class A Engineering Contractor. Certified Accident Investigator (C.A.I.). Licensed N.I.A.S.E. Master Technician. A.M.A. Professional Motorcycle Racing License. F.I.M. International Motorcycle Racing License. C.M.C. Professional Motorcycle Racing License. A.F.M. Professional Racing License.

QUALIFICATIONS: 35 years in professional motorsports including 5,000+ races and 1,221 victories, 50,000+ hours of motorcycle experience, Hall of Fame Motocrosser, 22,000 hours teaching experience, 30 years experience with boats including personal watercraft, 500,000 miles driving/testing experience with trailers and motorhomes. Qualified in State, Federal and International Courts as an expert in 25 disciplines. Special knowledge of motorcycles, ATV's, trailers, motorhomes, boats, ships, off-road vehicles, S.U.V.'s, diesel vehicles, Mercedes-Benz automobiles, BMW automobiles, Volvo automobiles. Tire expert. Special expertise with vehicle repair fraud issues. Special knowledge in O.E.M. vs Aftermarket and counterfeit parts issues. Testified at trial 200 times, author of 400+ technical articles and 3 books.

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Russell E. Darnell, Ph.D. has been retained by the following law firms:

Agajanian & McFall- Universal City, CA Alevizon, Smith & Lawrence- Santa Ana, CA **Ted Anderson- Brea, CA** Anderlini & Emerick- San Mateo, CA Arizona Attorney General- Phoenix, AZ Arnold Law Firm- Sacramento, CA Avila & Peros- El Segundo, CA **Richard Alcauskas- Davis. CA** George A. Altenberg- Santa Rosa, CA **Theodore Anderson Law- Brea, CA** Backus & Carranza- Las Vegas, NV Ball, Kirk & Holm- Waterloo, IA Bartlett, McDonough, Bastone & Monaghan- New York, NY Stanley Bell Legal Corp. - San Francisco, CA Berman, Berman, & Berman- Los Angeles, CA **Blue Water Marine, Inc. Boesch Law Group- Santa Monica, CA** Borgelt, Powell, Peterson & Frauen- Milwaukee, WI Bowman & Brooke- Phoenix, AZ Bozeman, Jenkins & Matthews- Pensacola, FL Breidenbach, Huchting & Hamblett- Los Angeles, CA Charles H. Broward- Honolulu, HI Roger D. Brown- Ft. Worth, TX **Bullivant, Houser, Bailey- Portland, OR Ralph Buss- Painesville, OH** Buus, Kim, & Tran- Newport Beach, CA. Callahan, Curtiss, Carey & Gates- Greenfield, MA Caplan, Danner & Bishop- Los Angeles, CA **Caulfield, Davies & Donahue- Sacramento, CA** Cacey Gerry- San Diego, CA Cesari, Werner & Moriarity- San Francisco, CA Joseph Chaiken & Associates- Philadelphia, PA Christensen Law- Las Vegas, NV City Attorney's Office- City of San Jose, CA Walter Clarke Legal Group- Palm Desert, CA Clinnin, Syracuse & Belcher- Los Angeles, CA Cluff Law Corp. – Phoenix, AZ Cohen, Johnson & Day- Henderson, NV **Mosely Collins Atty- Sacramento, CA** Brett Cook Esq- San Luis Obispo, CA Cooksey, Howard, Martin & Toolin- Orange, CA **Costa Law Firm, Gold River, CA Cranfill, Sumner & Hartzog- Charlotte, NC**

Crosby, Heafy, Roach & May- Oakland, CA **Dawson Crawford- Los Gatos, CA** Ben Luis Day Esg. – Baton Rouge, LA John Day Law- Scottsdale, AZ Desmarais, Ewing & Johnston- Manchester, NH Devereaux, Stokes, Nolan- St. Louis, MO **Dillingham and Murphy- San Francisco, CA Dines, Gross & Esquivel- Albuquerque, NM Dolan Law Firm- San Francisco, CA** John J. Donovan Law- Fullerton, CA Eagle Rider HD Rental Risk Management- LAX, CA Ellen Dove Law- Sacramento, CA **Dummit & Agajanian- Los Angeles, CA** Durrett, Hardin, Hunter, Dameron & Fritchie- Baton Rouge, LA Eberle, Berlin, Kading, Turnbow & McKlveen- Boise, ID El Dorado Public Defender- Placerville, CA **Russell Fields- Sacramento, CA.** Fisher, Patterson, Sayler, & Smith- Spingfield, IA Foley, Hoag & Elliot- Washington, DC Kristy Fleutsch- Stockton, CA Flynn and Flynn- San Diego, CA Flynn/Williams- San Rafael, CA Gallagher/Bassett, American Honda Unit- Irvine, CA Gallagher & Kennedy- Phoenix, AZ John J. Garibaldi Law Group- Los Angeles, CA Gartner, Bennett and Schupp- Minneapolis, MN George & George- Baton Rouge, LA Georgeson, Thompson & Angaran- Reno, NV **Global Logistics, Mexico City, Mexico** William Goforth- Lafayette, LA Grant, Genovese & Baratta- Irvine, CA Green & Hall- Santa Ana, CA Greene, Broillet, Panish & Wheeler- Santa Monica, CA **Guerra Law- McAllen, TX** Michael Gums- Sacramento, CA Thomas Gundlach- Greenbrae, CA Hagans, Ahearn, McLoughlin & Webb- Anchorage, AK Hager, Tripple, Macy and Jensen- Fresno, CA Hagerty & Donhue- Newark, NJ Halkaides, Morgan & Kelley- Redding, CA Hanger, Steinberg, Shapiro, Ash- Woodland Hills, CA John David Hart Law- Fort Worth, TX The Haymond Law Firm- Hartford, CT Hays, McConn, Price & Pickering- Houston, TX Heard, Robins, Cloud, Black, & Lubel- Houston, TX

Heimanson and Wolf, Los Angeles, CA Lloyd A. Herman & Associates- Spokane, WA Hewitt & Truszkowski- North Hollywood, CA Higgs, Fletcher & Mack- San Diego, CA Honda Motor Corporation Legal Dept. - Torrance, CA Hosp, Gilbert, Bersten & Hough, Pasadena, CA Horton, Knox, Carter, & Foote- El Centro, CA Howard, Brenner and Nass- Philadelphia, PA Jacobsen & McElroy- Sacramento, CA JB Hunt Risk Management- Lowell, AR Jebb R. Johnson- Newport Beach, CA Johnson, Schachter & Lewis- Sacramento, CA Johnston & Duplass- New Orleans, LA Jones /Obenchain- South Bend, IN Jones, Skelton & Hochuli- Phoenix, AZ Judge & Knight- Park Ridge, IL Kawasaki Motor Corporation Legal Dept.- Irvine, CA Keller, Weber & Dobrott- Irvine, CA Kern & Supowit- Los Angeles, CA Killeen & Associates- Houston, TX Sharon Kinsey Law- Soquel, CA Max Kirk- Waterloo, IA **Robert Martin Kissel- Pleasant Hill, CA** Joseph Kobayashi- Kauii, HI Kolod & Wager- Escondido, CA Knox, Lemmon, and Anapolsky- Sacramento, CA Lemieux & O'Neill- Westlake, CA Lewis, Brisbois, and Bisgaard- Los Angeles, CA Lewis, Brisbois, Bisgaard & Smith LLP- Phoenix, AZ Liebert, Short, Fitzpatrick & Hirshland- Philadelphia, PA Lippman & Weisel- Beverly Hills, CA Longyear, O'Dea, & Lavra- Sacramento, CA Low, Ball, & Lynch- San Francisco, CA Lynch, Loofbourrow, Helmenstine, Gliarded & Grummer- San Franciso, CA Mallery & Stern- Claremont, CA Mainetti, Mainetti, & O'Connor- Albany, NY Marcovich, Cochrane, Milliken and Swanson- Superior, WI Mathews, Atkinson, Guglielmo, Marks & Day- Baton Rouge, LA George M. Mavris- Crescent City, CA McDonald, Saeltzer & Morris- Sacramento, CA Meaderis & Grimm- Los Angeles, CA Medlap, Peabody & Pleasant- Perth, Western Australia Menzies & Sernaker- San Diego, CA Meyer, Darragh, Buckler, Bebenek & Eck- Pittsburgh, PA **Meyer & Mitchell- Hayward, CA**

Mark Milstead- San Francisco, CA Morey & Upton- Costa Mesa, CA Morgan, Melhuish, Manghan, Arvidson, Abrutyn & Lisowski- N.Y., NY Morton, Lewis, King & Krieg- Knoxville, TN Moyer, Moyer, Egley, Fullner & Warnemunde- Madison, NB. Larry Nettles Atty- Minneapolis, MN **Orange Law Group- Orange, CA** Stephen H. Osborne- Reno, NV Otjen, Van Ert, Lieb, & Weir- Milwaukee, WI **Owen, Melbye & Rohlff- Redwood City, CA Owen, Patterson & Owen- Valencia, CA** Owen, Richardson, Taylor, Mathews & Atkinson- Chicago, IL Michael Padway and Associates- San Francisco, CA Patrick R. Beasley Law- Redding, CA Patterson, Hanna & Associates- Fullerton, CA Peatross, Greer & Haytor- Shreveport, LA Pellegrini, Seeley, Ryan & Blakesley- Springfield, MA Perlman and Associates- Lexington, KY Pettit & Martin- Washington, DC Francis Piscal Atty- Toms River, NJ **Placzek & Francis- Springfield, MO** Mark B. Plummer, Yorba Linda, CA James L. Pocrass- Beverly Hills, CA Ponce, Ritter & Shoup-Hesperia, CA Portnoy, Leader, Peidgeon & Roth- Bloomfield Hills. MI Porter, Scott, Weiberg & Delehant- Sacramento, CA Pritzker/Olsen- Minneapolis, MN **Prout and Levangie- Sacramento, CA** Pryor, Carney & Johnson- Englewood, CO **Raynes McCarty- Philadelphia, PA** Reid, Richards & Miyagi- Honolulu, HI John Rey- Los Angeles, CA Reynolds, Beeby, Magnuson & Kenny- Detroit, MI J. Cranor Richter- Newport Beach, CA Rigg & Dean- Santa Ana, CA **Roberts & Morgan- Riverside, CA** Mark Santa-Romana, Deputy Attorney General- State of California Rawlings, Olson, Cannon- Las Vegas, NV Reynolds, Beeby, Magnuson & Kenny- Detroit, MI **Roth & Dempsey- Scranton, PA Ruben and Jones- Los Angeles, CA** Rumberger, Kirk, Caldwell & Burke- Orlando, FL **Rushford & Bonotto- Sacramento, CA Russo and Graham- Seattle, WA Office of the City Attorney of San Jose**

Jean Schaefer- Sacramento, CA Scarlett Law Group, San Francisco, CA & Washington, D.C. Schell & Delamer- Los Angeles, CA Schuman, McClusky & Slicer- Charleston, WV Schwebel, Goetz & Sieben- Minneapolis, MN Scott Law- Santa Ana, CA Sedwick, Desert, Moran & Arnold- San Francisco, CA West Seegmiller Attorneys- Newport Beach, CA Shepherd, Sandberg & Phoenix- St. Louis, MO Shuman, McCuskey & Slicer- Charleston, WV Shuttleworth, Williams, Harper, Waring & Derrick- Memphis, TN Simburg, Ketter & Sheppard- Seattle, WA David Skyer Law, San Diego, CA Snell & Wilmer- Irvine, CA Somers, Hall, Verrastro & Kern- Los Angeles, CA Sandra Springs- Oakland, CA Stafford Rosenbaum- Madison, WI Stanfield & Wightman- Phoeniz, AZ Sternberg, Eggers, Kidler & Fox- San Diego, CA Summerhill, Hull & McNamara- Toms River, NJ Swope & Rodante- Tampa, FL **Taylor & Braun- Detroit, MI TazPack Logistics/Storage Ralph Temple- Merced, CA Tenant & Ingram- Sacramento, CA** Tendy, Ellis & Cantor- Poughkeepsie, NY Tharpe & Howell- Sherman Oaks, CA **Thompson & Dreyer- Sacramento, CA** Thompson, Rhodes, & Cowie- Pittsburgh, PA Thompson, Smith, Woolf, Anderson- Idaho Falls, ID Peter Tiemann- Placerville, CA Toy, Coleman & Davies- Sacramento, CA United States Department of Justice- U.S. Attorney **United States Forestry Service** United States Bureau of Land Management Veen Law Firm- San Francisco, CA Vitale & Lowe- Rancho Cordova, CA David E. Wattel- Mesa, AZ Stepehn Weinstein, Morristown, PA Wendland, Sellers, Bromeland- Blue Earth, MN Whitlow, Roberts, Houston & Straub- Paducah, KY Wilcoxen, Callahan, Montgomery & Deacon- San Francisco, CA **Evan Williams Law- Roseville, CA** Williams, Lanza, Kastner & Gibbs- Canoga Park, CA Williams & Wiese- Las Vegas, NV

Willington & Barnes- Pretoria, South Africa Winet, Patrick & Weaver- Palm Springs, CA Wilson, Elser & Moskowitz- New York, NY Wilson and Prescott- Los Angeles, CA Winder & Haslam- Salt lake City, UT Wood, Ris & Hames- Denver, CO Wright, Robinson, Osthimer & Tatum- San Francisco, CA Yamaha Motor Corporation Legal Dept. Young, Ward- Sonora, CA. York & Pokorny- San Diego, CA Gary Zernich- Las Vegas, NV **Russell E. Darnell, Ph.D. has been retained by the following insurance groups:**

AAA Northern California, Nevada, Utah **Acadia Insurance** Allstate Insurance Company AMCO Insurance Company, Columbus, OH American Hardware Mutual American International Insurance group- New York, NY **Burlington Insurance Company- Burlington, NC Century Surety Company Chubb Insurance Group- Pittsburgh, PA** City of Sacramento (self-insured)- Sacramento, CA **CAN Insurance- Dallas, TX Consolidated Indemnity- Orlando, Fl Continental Casualty Crum & Forester Management- Newark, NJ EMC Insurance Companies- Omaha, NB Farmers Insurance Company** Federated Mutual Insurance Company, Owatonna, MN Fremont Comp. Insurance Group- San Francisco, CA Gemini Insurance Company, Chicago, IL Great American Insurance Company- Cincinnati, OH Great Northern Insurance Company- Pittsburgh, PA **Great Southwest Insurance- Scottsdale, AZ Great Southwest Fire Insurance Company Hanover Insurance Group** Hartford Insurance Group-Hartford, CT Island Insurance Group- Honolulu, HI Keeler & Company Inc. - Baton Rouge, LA K&K Insurance- Fort Wayne, IN Lexington Insurance Company Liberty Mutual Insurance Company Lloyds of London- London, England Meadowbrook Insurance Group, Southfield, MI **Mercury Select Management Mutual of Enumclaw- Seattle, WA** Mutual of Omaha, Omaha, NB National Fire & Marine Insurance Company- Omaha, NB National Indemnity- Omaha, NB Nationwide Insurance- Concord, CA Naughton Insurance, Inc. - East Providence, RI Noritaki Marine Ltd. - Osaka, Japan **Pacific Specialty Insurance**

Pekin Insurance Company- Pekin, IL Philadelphia Insurance Companies- Addison, TX Pruco Life Insurance of Texas **Prudential Insurance of America** Rand Casualty Group Limited- Johannesburg, South Africa Safeco Insurance **State Farm Insurance Companies** State of California, Dept. of Justice (self-insured) St. Paul Fire and Marine Insurance Company- St. Paul, MN Toplis & Harding Inc. - L.A., CA **Traveler's Insurance Company** Twin Cities Fire Insurance Company- Hartford, CT **Universal Underwriter- Irvine, CA** Victoria Insurance Providers Limited- Sydney, Australia Well Fargo Motorsports Insurance Company- Houston, TX Westco Claims- Franklin Lakes, NJ Western World Insurance Company Western Heritage Insurance Company **Yasuda Fire and Marine Zurich Insurance- Sacramento, CA**

Russell E. Darnell, Ph.D. has been retained by the following entities:

A & A Ready Mix Concrete- Newport Beach, CA Alta Ingenieria, Mexicali- B.C., Mexico **American Eagle MC Manufacturing Inc** American Honda Motor Company Inc. - Gardena, CA **American Motorcycle Enterprises Aragon Trailer Corporation** Arizona Attorney General, Phoenix, AZ Army of the Republic of South Africa **ATK Motorcycle Company Baird Oil Leasing- Houston, TX Baum Tool Company Bell Helmet Company** Blackhawk O.R.V. Park- Tulare, California **Bombardier Corporation- Canada BP Oil Company- Great Britain** Brevard County O.R.V. Park- Cocoa Beach, FL **Bridgestone Tire and Rubber Company British Small Arms Corporation Ltd. - Great Britain Broome Tioga Sports Center- Binghampton, NY** California Dept. of Justice, Los Angeles, CA California Dept. of Transportation, Sacramento, CA **Cal-Tex Daytona Oil Corporation CHAMCO** Automotive Inc. **CHANLIN Group, Changchun, China Champion Spark Plugs Chevron Oil Company** China Industrial Park, Tijuana, Mexico The Coleman Company, Wichita, KS **Continental MotorSports Inc. CooperCross Canada County of El Dorado, California County of Tulare, California Curnutt Shocks** CZ Motorcycle Company- Strakonicz, Czechoslovakia **Daro Racing- Pretoria, South Africa Dave Bickers Imports- Great Britain Daytona Helmet Company DeAnza Raceway Dunlop Tire Corporation Duralube International DuraLube Oil Corporation**

Eagle Riders Harley-Davidson Rentals- Los Angeles, CA

El Dorado County Public Defender

Electrofilm Corporation

Filtron Corporation

Firestone Tire Corporation

The Fleetwood Corporation

Force Dynamics Engineering Corporation

Ford Motor Company

Fortner Helicopter Services

Franklin Fueling Systems

Fullbore Racing Products Inc.

Georgia Pacific Corporation

Girling Corporation- Great Britain

Glen Helen Raceway

Goki International

Grant Safety Helmet

Greeves Motorcycle Company Ltd. - Great Britain

GTE Northwest

Guazzoni Motorcycle Company- Italy

Hallman Racing USA

Harvey Titanium

Hawaii Raceway Park- Oahu, HI

Hodaka Heavy Industries Ltd.

Hondaline Products

Honda Motor Corporation

Hybrid Mexico Motors- Tijuana, Baja

Hypermarkets- Johannesburg, RSA

Husqvarna of Sweden

Imperial Irrigation District, Imperial, CA

Indian Dunes Sportpark- Valencia, CA

Indoor Sports Promotion

Inventory Capital Group

The Irvine Corp. - Irvine, CA

Jacwal Corporation

Jarden Corporation, Wichita, KS

Jawaharlal Nehru Stadium Authority- Poona, India

J.B. Hunt Transport- Lowell, AR

Kia Motors America

Kawasaki Motor Corporation

LaCrosse County AG Society- Albert Lea, MN

Louisiana Dept. of Transportation and Safety

Louis Garcia Construction

Maverick Shocks Inc.

Metzler Tire Company- Germany

Monark AB of Sweden

Mondial Motorcycle Company- Italy Montesa Motorcycles- Spain Montgomery Wards Corporation Moto-Parilla- Italy Moto-Villa- Italy Motul Oil- France Newhall Land and Development Company **Norton Motorcycles- England Ohlin Racing Ossa of Spain Otto Laboratories Packer Engineering Poona Auto Racing Association- Poona, India** Penton U.S.A. P.G.&E. **P.J.** Corporation **Powerslide Inc. Preston Petty Products Racers Edge Inc. Redline Bicycles Reynolds Chain Ltd. Rickman of Great Britain Rio Bravo Raceway- Houston, Texas Riverside County Sheriff, Search and Rescue Team Round Table Import Company** Saddleback Park Inc **Safety Engineering Associates** Scott U.S.A. **Sears Point Raceway** Shell Oil Company Shoei Helmets- Japan Sidi-Campa- Spain Simpson Helmets Smith USA Smith Goggles Snake Creek MX- Atlanta, Georgia Southern Pacific Land and Development Company **Southern Pacific Railroad Spectro Oil Company Sprockets Park O.R.V. Stadium Motorsports Inc.** State of California, Dept. of Justice Systems Technology Automated Resources (S.T.A.R.) **ST Racing Products International** SUPA Technology, Taiwan

- **Suzuki Motor Corporation**
- Sudco International
- Super Seer Goggles
- Specialty Vehicle Institute of America (S.V.I.A.)
- **Swallow Tire Company**
- Swift Caravans- East Yorkshire, United Kingdom
- **Takla Safety Equipment- Sweden**
- **Texaco Oil Company**
- **Titanium Products Corporation**
- **Tohotsu Heavy Industries**
- **Torco Oil Company**
- **Toyota Motor Corporation**
- **Trelleborg Tire**
- Triangle Training Inc.
- Tulsa Raceway Inc.
- United States Air Force
- **United States Army**
- **United States Department of Justice**
- **United States Marine Corps**
- **University of Alabama-Traffic Safety Department**
- **University of Tennessee- Department of Industrial Engineering**
- United Parcel Service
- **URBI Land & Development Company- Ensenada, Mexico**
- Ventura County Sheriffs Department
- Viking Oil Company
- **Vredestein Tire Company- Holland**
- Wal-Mart Inc.
- **Walters Safety Gear**
- Webco International
- Wilson Sports Company International
- **Works Performance Suspension**
- Yamaha Motor Company
- Yankee Motor Corporation- Schenectady, NY
- Yokohama Tire and Rubber Company- Japan
- ZhongXing Automobile North America
- **ZXAuto Grupo Mexico**